File No. 520-31.

CIRCULAR NO 338.

Sacramento, June 1, 1916.

ALL CONCERNED;
SACRAMENTO DIVISION.

Add the following to Circular No 335:

SACRAMENTO

No 209 connect with No 547.

COLFAX

N C N G connect with No 20, No 10 and 5.

BRIGHTON

No 62 connect from No 32

WOODLAND

No 543 connect with No 542.

J H Dyer,
Superintendent.

22-0-A.

Reno: Nos 5 and 6...to V & T and N C O Rys.
No.23.......from V & T Ry No. 1.

Brighton: No.531.......to No 121.
No. 62.......from No 82
No 61.......to No. 31.

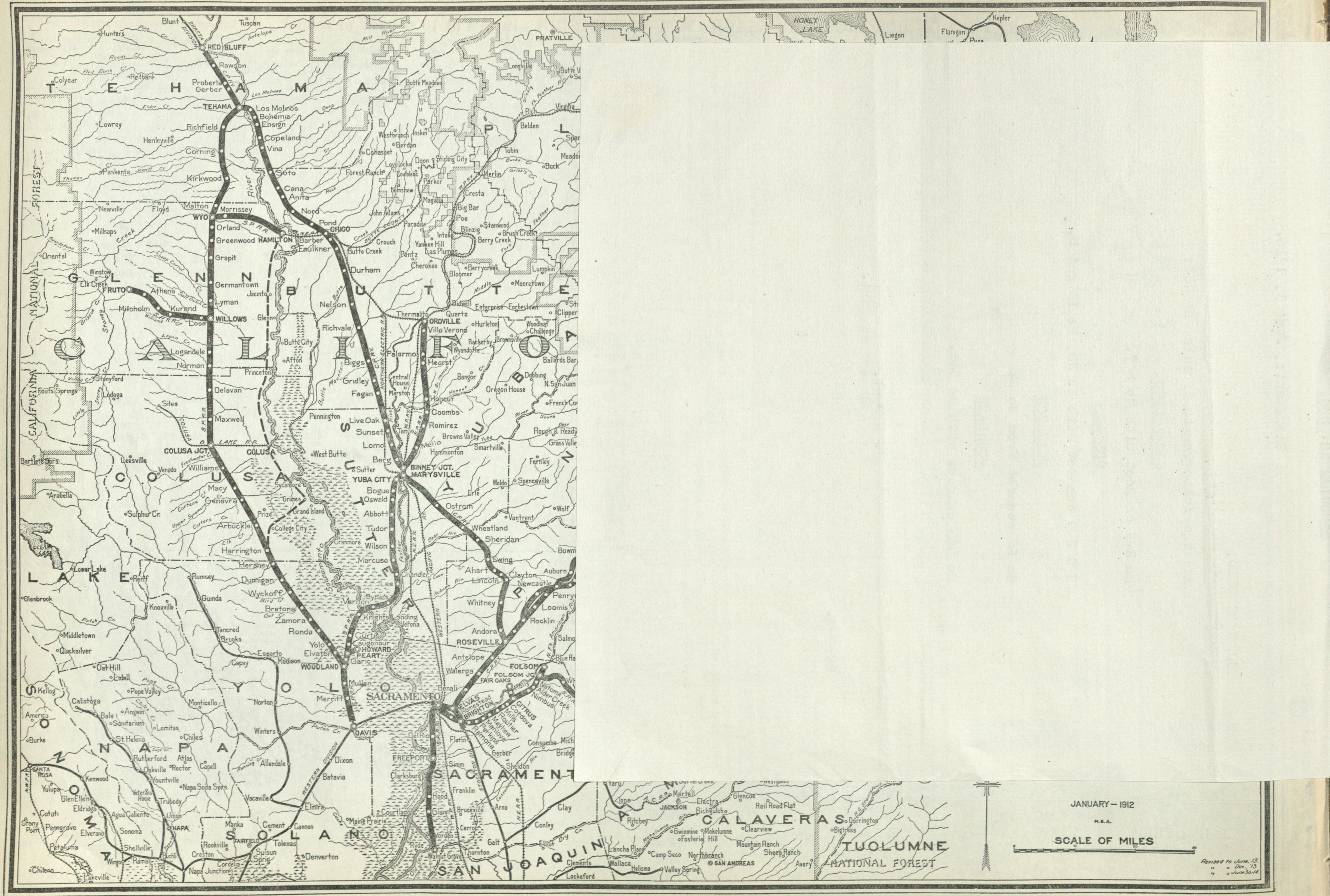
J. H. Dyer,
Superintendent

22-0-h

W. R. SCOTT,
Vice-President and General Manager.

D. W. CAMPBELL,
Assistant General Manager.

G. F. RICHARDSON,
Superintendent of Transportation.


T E H A M A
G L E N N
B U T T E
C O L U S A
S U T T E R
Y U B A
L A K E
Y O L O
N A P A
S O N O M A
S O L A N O
SACRAMENTO
SAN JOAQUIN
CALAVERAS
TUOLUMNE
NATIONAL FOREST
CALIFORNIA NATIONAL FOREST
C A L I F O
HONEY LAKE
RED BLUFF
TEHAMA
Rawson
Proberta
Gerber
Los Molinos
Bohemia
Ensign
Copeland
Vina
Richfield
Corning
Kirkwood
Soto
Cana
Anita
Nord
Pond
CHICO
Malton
WYO
Morrissey
Orland
Greenwood
HAMILTON
Barber
Faulkner
Butte Creek
Durham
Grapit
Germantown
Lyman
WILLOWS
Lose
Kurand
FRUTO
Logandale
Norman
Delavan
Maxwell
COLUSA JCT.
COLUSA
Williams
Princeton
Butte City
Afton
Nelson
Richvale
Biggs
Gridley
Fagan
Live Oak
Sunset
Lomo
Berg
Sutter
YUBA CITY
BINNEY JCT.
MARYSVILLE
OROVILLE
Thermalito
Palermo
Hearst
Honcut
Coombs
Ramirez
Wheatland
Sheridan
Ewing
Lincoln
Clayton
Newcastle
Auburn
Loomis
Rocklin
ROSEVILLE
Antelope
FOLSOM
FOLSOM JCT.
FAIR OAKS
SACRAMENTO
ELVAS
BRIGHTON
CITRUS
WOODLAND
HOWARD
PEART
DAVIS
Dixon
Batavia
Elmira
Vacaville
FREEPORT
Clarksburg
Franklin
Hood
Courtland
Walnut Grove
SANTA ROSA
NAPA
FAIRFIELD
Suisun
Cordelia
Napa Junction
JACKSON
SAN ANDREAS
Kepler
Flanigan
Liegen
PRATVILLE
JANUARY — 1912
M.B.A.
SCALE OF MILES
0
10
20
30
Revised to June, 13.
" " Dec., '13
" " June 30-14

W. R. SCOTT,
Vice-President and General Manager.

D. W. CAMPBELL,
Assistant General Manager.

G. F. RICHARDSON,
Superintendent of Transportation.

CIRCULAR NO. 335 File 520-31

Sacramento, May 23, 1916.

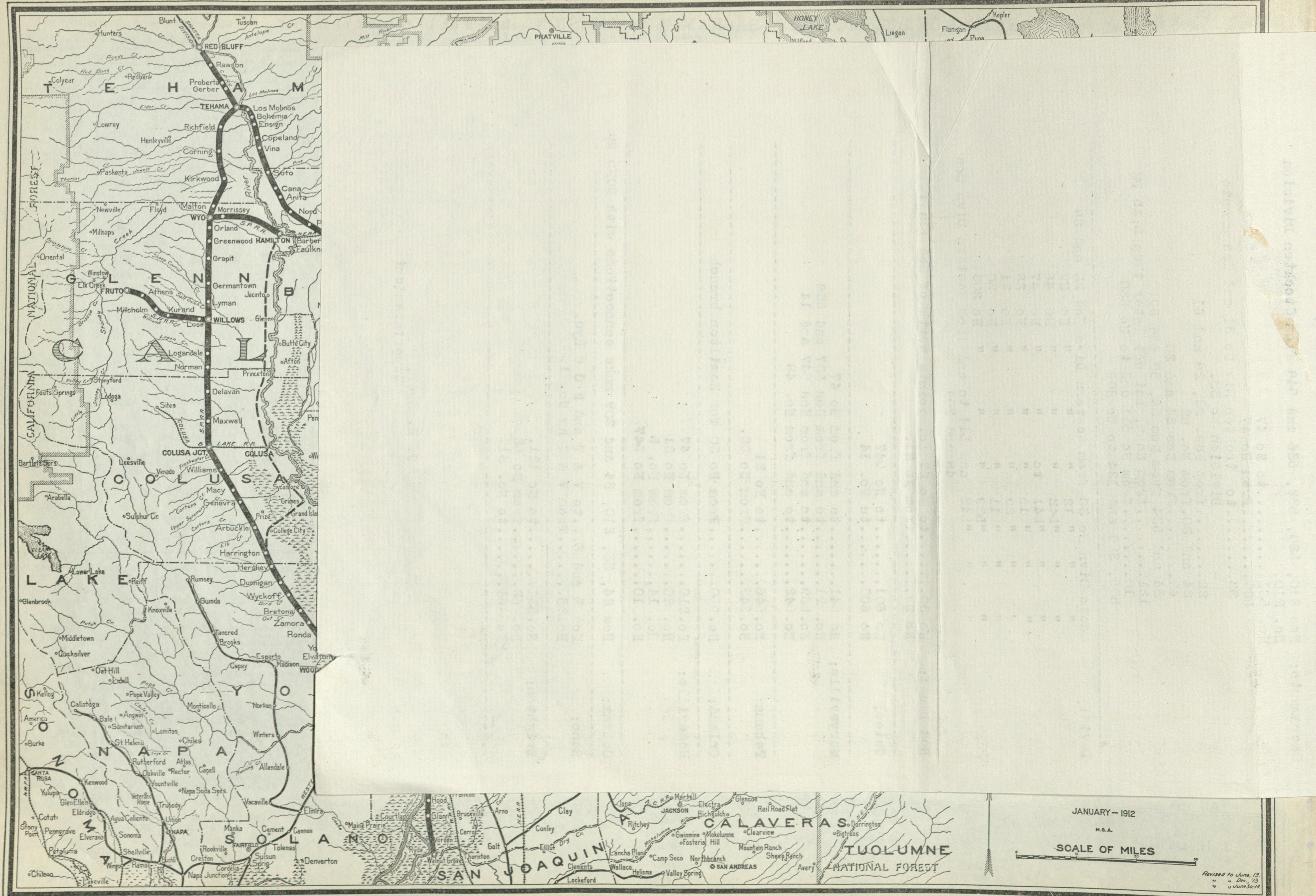
ALL CONCERNED:
Sacramento Division

During the life of Time Table No. 103, the following connections are to be made unless otherwise instructed;

Sacramento:	Nos 210, 520, 532, 536 and 548 from Stockton Division No. 210. No. 521.........to No 47 520........From No 47 33........to Stockton Div No 31 and Sacramento Division No 30. 22........from Nos. 22, 28 and 61 24 and 20.from No. 82 62........from Nos 24 and 20 34 and 534 from Nos 32, 30 and 29. 121........from No 5, but not later than 5:25 PM 10........from No 551 and to No 530 555, 209 and 124 to No 209
Davis:	Sacto Divn No 30 from Western Divn Nos 22 and 28 " " " 12 " " " No 29 " " "542 " " " No 46 " " "541 to " " No 47 " " " 15 " " " No 28 " " " 29 " " " No 21 " " " 11 " " " No 30 " " "539 " " " No 209 " " "543 and 544 to and from Western Divn Nos 48 and 209
Red Bluff:	No 30.......to No 22 for points north of Red Bluff. No 29.......from No 21.
Chico:	No 601.......to No 547 No 603.......to No. 14
Marysville:	No 541.......to and from No 47 No. 21.......to and from Nos 537 and 538 No.539.......to and from Nos 547 and 14 No.542.......to and from No. 48
Tehama:	No.546.......to No 21 No.543.......From No 22.
Orland:	No.550.......From No 30 for Hamilton branch
Roseville:	No.210.......from No 47 No. 20.......from No 21 No. 14.......from No. 5 No. 10.......from No 547
Colfax:	Nos 24, 33, 210, 34 and 209 make connections with NCNG Ry
Reno:	Nos 5 and 6...to V & T and N C O Rys. No.23.......from V & T Ry No. 1.
Brighton:	No.531.......to No 121. No. 62.......from No 82 No 61.......to No. 31.

J. H. Dyer,
Superintendent

22-C-h


TEHAMA
GLENN
BUTTE
COLUSA
LAKE
YOLO
NAPA
SONOMA
SOLANO
SAN JOAQUIN
AMADOR
CALAVERAS
TUOLUMNE
NATIONAL FOREST
CALIFORNIA NATIONAL FOREST
HONEY LAKE
Blunt
Tuscan
Hunters
RED BLUFF
Rawson
Redbank
Colyear
Proberta
Gerber
TEHAMA
Los Molinos
Bohemia
Ensign
Lowrey
Richfield
Henleyville
Copeland
Vina
Corning
Paskenta
Kirkwood
Soto
Cana
Anita
Nord
Newville
Floyd
Malton
Morrissey
WYO
Orland
Millsaps
Greenwood
HAMILTON
Barber
Faulkner
Grapit
Oriental
Winslow
Elk Creek
FRUTO
Athena
Germantown
Jacinto
Kurand
Lyman
Millsholm
WILLOWS
Glenn
Butte City
Afton
Logandale
Norman
Stonyford
Princeton
Fouts Springs
Lodoga
Delevan
Sites
Maxwell
Bartlett Sprs.
COLUSA JCT.
COLUSA
Leesville
Venado
Williams
Arabella
Macy
Sycamore
Genevra
Grimes
Sulphur Cr.
Arbuckle
Prize
Grand Island
College City
Harrington
Hershey
Lower Lake
Reiff
Rumsey
Dunnigan
Glenbrook
Knoxville
Guinda
Wyckoff
Bretona
Zamora
Ronda
Middletown
Tancred
Brooks
Quicksilver
Esparto
Capay
Madison
Elvaton
WOOD
Oat Hill
Lidell
Kellog
Calistoga
Pope Valley
Monticello
Norton
America
Bale
Sanitarium
Angwin
Lomitas
Burke
St Helena
Chiles
Winters
Rutherford
Atlas
Oakville
Rector
Capell
Allendale
SANTA ROSA
Yulupa
Kenwood
Yountville
Glen Ellen
Eldridge
Veterans Home
Trubody
Napa Soda Sps.
Vacaville
Elmira
Cotati
Stony Point
Agua Caliente
Union
Penngrove
Elverano
Sonoma
NAPA
Manka
FAIRFIELD
Cement
Cannon
Maine Prairie
Petaluma
Shellville
Rockville
Suisun
Tolenas
Chileno
Wingo
Creston
Cordelia
Denverton
Lakeville
Napa Junction
Courtland
Hood
Franklin
Bruceville
Arno
Clay
Ryde
Walnut Grove
Thornton
Galt
Cerro
Verden
Conley
Ione
Martell
JACKSON
Electra
Glencoe
Rail Road Flat
Ritchey
Elliot
Bichgulch
Gwinmine
Mokelumne Hill
Fosteria
Clearview
Mountain Ranch
Sheep Ranch
Dorrington
Bigtrees
Lancha Plana
Camp Seco
Northbranch
Clements
Wallace
Helisma
Valley Spring
SAN ANDREAS
Avery
Lockeford
PRATVILLE
Kepler
Flanigan
Liegan
Milford
Puna
S.P.R.R.
SHASTA DIVISION
COLUSA & LAKE R.R.
JANUARY – 1912
M.B.A.
SCALE OF MILES
0
10
20
30
Revised to June, 13.
" " Dec., '13
" " June 30-14

SOUTHERN PACIFIC COMPANY

(PACIFIC SYSTEM.)

TIME TABLE

102

FOR THE

SACRAMENTO DIVISION

To Take Effect Thursday, April 20, 1916, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes only, and not intended for the use of the public.
The Company reserves the right to vary from this time table at pleasure.

W. R. SCOTT,
Vice-President and General Manager.

D. W. CAMPBELL,
Assistant General Manager.

G. F. RICHARDSON,
Superintendent of Transportation.

Eastward.

FROM SAN FRANCISCO

Time Table No. 102

April 20, 1916

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS						SECOND CLASS	FIRST CLASS												Distance from San Francisco	STATIONS
	288	254	256	308	222	306	548	6	48	2	10	34	14	20	24	22	210	54	16		
	Stockton Freight	Ogden Manifest	Sunset Manifest	Way Freight	Portland Fast Freight	Way Freight	Chico and Willows **MOTOR**	Atlantic Express	El Dorado	Overland Limited	San Francisco Limited	Colfax Passenger	Portland Express	Pacific Limited	Tonopah Express	The Statesman	The Newsboy	Sound Special	Oregon Express		
	Leave Daily	Leave Daily	Leave Daily	Lv. Monday Wednesday and Friday	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		
Term Yard WFTYOP					6.40AM		8.20AM	10.55PM	8.20PM	7.15PM	5.25PM	4.15PM	4.10PM	1.45PM	12.50PM	11.30AM	7.25AM	3.20AM	12.25AM	88.8	DNR **SACRAMENTO** 3.0
Yard IY P	10.05AM	9.30AM	9.00AM		6.55		f8.30	11.05	8.30	7.25	5.35	f4.25	4.20	1.55	1.00	f11.40	f 7.35	3.30	12.35	91.8	**ELVAS** 3.1
88 P							f8.36	11.10	8.36	7.30	5.40	f4.30	f4.25	2.00	1.05	f11.46	f 7.40	3.35	12.40	94.9	BENALI 4.5
10 Spur P							f					f				f	f			99.4	WALERGA 3.4
60 P							f8.47	11.20	8.47	7.40	5.50	f4.40	f4.35	2.10	1.15	f11.56AM	f 7.50	3.45	12.50	102.8	ANTELOPE 3.8
Term Yard TWFPYO	11.45AM	10.15AM 12.30PM	10.00AM		7.45AM	4.00AM	s9.00AM	s 11.28 11.31	s 8.55PM	7.48 7.51	s 5.58 6.01	s4.50	s4.45PM	s 2.18 2.21	s 1.23 1.26	s12.05PM	s 7.58	s 3.53AM	s12.58AM	106.6	DN **ROSEVILLE** 4.1
Yard P						4.15		s11.38		7.58	6.10	s4.57		2.30	s 1.35		s 8.08			110.6	ROCKLIN 4.6
73						See Page 3.		f11.49PM		8.07	6.21	See page 3.		2.43	See page 3.		See page 3.			115.2	LINCOLN AV., PENRYN 5.0
87 WP						7.20		s12.10AM		8.16	s 6.32	s5.25		2.56	s 2.09		s 8.40			120.2	DN NEWCASTLE 4.0
86 W						7.50		f12.30		8.24	s 6.42	s5.40		3.07	s 2.23		s 8.50			124.2	AUBURN, NEVADA ST. 4.9
76						8.20		12.44		8.33	6.51	f5.50		3.20	f 2.34		f 9.01			129.1	DN BOWMAN 2.3
No Siding						8.50		12.52		8.38	6.56	f5.58		3.28	f 2.41		f 9.10			131.4	CLIPPER GAP 2.9
83 W						9.05		1.00		8.45	7.03	f6.04		3.35	f 2.49		f 9.20			134.3	APPLEGATE 3.0
82						9.30		1.09		8.51	7.10	f6.10		3.44	f 2.58		f 9.30			137.3	N. E. MILLS 1.7
No Siding						9.50		1.15		8.55	7.15	f6.15		3.48	3.03		f 9.35			139.0	LANDER 2.7
Yard PYW		3.20		7.00AM		10.00AM		s 1.40		s9.07	s 7.30	s6.25PM		s3.57	s 3.20		s 9.45AM			141.7 142.4	DNR **COLFAX** 4.5
50				7.20				2.00		9.22	7.45			4.10	f 3.38					146.9	CAPE HORN 2.7
No Siding															f					149.6	MAGRA 3.6
80 WFY		4.32		8.15				s 2.40		9.40	8.15			4.32	f 4.10					153.2	DN GOLD RUN 2.0
6 Spur				8.40				f 2.50		9.45	f 8.22			4.38	f 4.17					155.2	DUTCH FLAT 1.9
4 Spur															f					157.1	ALTA 0.7
5 W Spur				9.00				3.00		9.52	8.30			4.48	f 4.24					157.8	D TOWLE 1.9
5 Spur				9.15				3.08		9.58	8.35			4.56	f 4.31					159.7	GORGE 2.1
80				9.30				3.15		10.05	8.41			5.02	f 4.38					161.8	MIDAS 2.3
10 W Spur				9.50				3.28		10.11	8.47			5.10	f 4.45					164.1	**FOREBAY** 2.5
60 PTW		6.15PM		10.10AM				s 3.40AM		10.20PM	s 9.00PM			5.20PM	s 4.55PM					166.6	DN **BLUE CANON**
	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Monday Wednesday and Friday	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(77.8)
	(1.40)	(8.45)	(1.00)	(3.10)	(1.05)	(6.00)	(0.40)	(4.45)	(0.35)	(3.05)	(3.35)	(2.10)	(0.35)	(3.35)	(4.05)	(0.35)	(2.20)	(0.33)	(0.33)		................Time over District
	8.82	11.51	14.70	7.64	16.34	7.53	26.55	16.40	30.34	25.42	21.82	24.42	30.34	21.82	18.94	30.34	22.37	32.18	32.18		................Average speed per hour

Automatic Block

Double Track (No. 2)

Track No. 4 between Rocklin and Loomis will be used exclusively by Nos. 210, 24, 34 and 306; other trains only when authorized by train order.

ADDITIONAL STOPS ON SIGNAL

- No. 210, Haggin.
- Nos. 6, 10 and 20 stations west of Colfax to receive passengers for points east of Ogden.
- No. 2 stations west of Colfax to receive passengers for points Cheyenne and east.
- No. 24 stations between Sacramento and Roseville to discharge passengers from points west of Sacramento.

Eastward

FROM SAN FRANCISCO

Time Table No. 102

April 20, 1916

306	34	24	210	STATIONS
Way Freight	Colfax Passenger	Tonopah Express	The Newsboy	
Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	
4.15AM	s 4.57PM	s 1.35PM	s 8.08AM	ROCKLIN
4.50 5.50	s 5.06	s 1.48	s 8.17	LOOMIS
6.05 6.30	s 5.15	s 1.58	s 8.25	PENRYN
6.50AM	s 5.25PM	s 2.09PM	s 8.40AM	NEWCASTLE
Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	

The above schedules are shown only for information and have no time table superiority between Loomis and Newcastle, but will be known by their numbers and handled only by train orders between Loomis and Newcastle.

TOWARD SAN FRANCISCO

Westward.

Automatic Block

Double Track (No. 1)

	STATIONS	Distance from Blue Canon	13	23	19	1	47	33	9	21	5	209	29
			FIRST CLASS										
			San Francisco Express	Tonopah Express	Pacific Limited	Overland Limited	El Dorado	Sacramento Passenger	Fast Mail	The Statesman	San Francisco Limited	Mountain Express	Sacramento Passenger
			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
DNR	**SACRAMENTO** 3.0	77.8	s 3.15AM	s 4.10AM	s 5.50AM	s 6.40AM	s 8.05AM	s 9.25AM	s 11.00AM	s 3.00PM	s 3.50PM	s 6.15PM	s 6.30PM
	ELVAS 3.1	74.8	3.05	4.00	5.40	6.30	7.55	f 9.15	10.50	f 2.50	3.40	f 6.05	6.20
	BENALI 4.5	71.7	2.57	3.53	5.34	6.22	7.50	f 9.07	10.45	f 2.41	3.34	f 5.58	6.13
	WALERGA 3.4	67.2						f		f		f	
	ANTELOPE 3.8	63.8	2.48	3.40	5.23	6.13	7.40	s 8.57	10.37	f 2.30	3.23	f 5.48	6.03
DN	**ROSEVILLE** 4.1	60.0 59.9	2.40AM	s 3.32	5.15	6.05	s 7.32AM	s 8.45	s 10.30	s 2.20PM	s 3.15	s 5.40	s **5.55PM**
	ROCKLIN 3.3	55.8		f 3.15	5.01	5.52		s 8.37	10.15		3.00	s 5.32	
D	LOOMIS 2.7	52.5		f 3.05	4.54	5.45		s 8.31	10.08		**2.53**	s 5.23	
D	PENRYN 2.9	49.8		f 2.57	4.49	5.38		s 8.25	10.02		2.46	s 5.15	
DN	NEWCASTLE 2.0	46.9		s 2.47	4.42	5.31		s 8.18	9.55		2.38	s 5.00	
	ZETA 2.1	44.9		f 2.37	4.37	5.25		f 8.11	9.48		2.30	f 4.46	
	FLINT 0.9	42.8											
D	AUBURN 3.1	41.9		s 2.28	4.30	5.18		s 8.05	f 9.41		s 2.24	s 4.40	
DN	BOWMAN 3.4	38.8		f 2.16	4.23	5.11		f 7.55	9.34		2.15	f 4.30	
	CLIPPER GAP 3.0	35.4		f 2.06	4.16	5.03		f 7.49	9.27		2.05	f 4.24	
	APPLEGATE 3.2	32.4		f 1.57	4.10	4.57		f 7.43	9.21		1.57	f 4.18	
	N. E. MILLS 2.0	29.2		f 1.47	4.03	4.50		f 7.37	9.15		1.49	f 4.12	
	LANDER 3.0	27.2		f 1.40	3.58	4.45		f 7.32	9.11		1.44	f 4.07	
DNR	**COLFAX** 4.5	24.2		s 1.30	s 3.50	s 4.38		7.25AM	s **9.05**		s 1.35	4.00PM	
	CAPE HORN 2.7	19.7		f 1.15	3.30	4.23			8.43		1.14		
	MAGRA 3.6	17.0		f							f		
DN	GOLD RUN 2.0	13.4		f 12.57	3.14	4.08			8.28		f 12.55		
	DUTCH FLAT 1.9	11.4		f 12.50	3.08	4.03			8.23		f 12.46		
	ALTA 0.7	9.5		f							f		
D	TOWLE 1.9	8.8		f 12.43	3.02	3.57			8.14		f 12.39		
	GORGE 2.1	6.9		f 12.39	2.58	3.52			8.09		f 12.33		
	MIDAS 2.3	4.8		f 12.34	2.53	3.47			8.04		f 12.27		
	FOREBAY 2.5	2.5		f 12.28	2.45	3.41			7.58		f 12.19		
DN	**BLUE CANON**	0.0		12.20AM	2.35AM	3.35AM			7.52AM		12.10PM		
	(77.8)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
	Time over District		(0.35)	(3.50)	(3.15)	(3.05)	(0.33)	(2.00)	(3.08)	(0.40)	(3.40)	(2.15)	(0,35)
	Average speed per hour		30.34	20.29	23.94	25.23	32.18	26.80	24.83	26.55	21.21	23.82	30.34

	STATIONS	Distance from Blue Canon	547	257	253	305	307	221	Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.
			SECOND CLASS	THIRD CLASS					
			Sacramento MOTOR	Sunset Manifest	Ogden Manifest	Way Freight	Way Freight	Portland Fast Freight	
			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Ar. Tuesday, Thursday, and Saturday	Arrive Daily	
DNR	**SACRAMENTO** 3.0	77.8	s 11.10PM					7.00PM	Term. Yard WFTYOP
	ELVAS 3.1	74.8	f 11.00	1.00AM	3.25PM			6.45	IY Yard
	BENALI 4.5	71.7	f 10.53						P 89
	WALERGA 3.4	67.2	f						No Siding P
	ANTELOPE 3.8	63.8	f 10.43						P 60
DN	**ROSEVILLE** 4.1	60.0 59.9	f 10.35PM	12.10AM	2.50 1.30PM	4.00PM		**6.00PM**	Term. Yard TWFPYO
	ROCKLIN 3.3	55.8				3.40			P Yard
D	LOOMIS 2.7	52.5				**2.53**			P 60
D	PENRYN 2.9	49.8				1.58			P 55
DN	NEWCASTLE 2.0	46.9				1.30PM			WP 73
	ZETA 2.1	44.9							57
	FLINT 0.9	42.8							73
D	AUBURN 3.1	41.9			**11.40AM**	**11.40AM**			WP 56
DN	BOWMAN 3.4	38.8							73
	CLIPPER GAP 3.0	35.4							70
	APPLEGATE 3.2	32.4							Spur 55
	N. E. MILLS 2.0	29.2							Spur 55
	LANDER 3.0	27.2							Spur 64
DNR	**COLFAX** 4.5	24.2			10.40	**9.10AM**	4.30PM		PYW Yard
	CAPE HORN 2.7	19.7					3.40		50
	MAGRA 3.6	17.0							Spur 5
DN	GOLD RUN 2.0	13.4					3.10		WFY 80
	DUTCH FLAT 1.9	11.4					2.30		Spur 6
	ALTA 0.7	9.5							Spur 4
D	TOWLE 1.9	8.8					2.15		W Spur 5
	GORGE 2.1	6.9					2.10		Spur 5
	MIDAS 2.3	4.8					2.00		80
	FOREBAY 2.5	2.5					1.45		W Spur 10
DN	**BLUE CANON**	0.0			8.40AM		1.30PM		PTW 60
	(77.8)		Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Lv. Tuesday, Thursday, and Saturday	Leave Daily	
	Time over District		(0.35)	(0.50)	(6.45)	(6.50)	(3.00)	(1.00)	
	Average speed per hour		30 34	17.64	15.10	5.22	8.07	17.70	

Westward trains receiving orders east of Newcastle moving an eastward train from Loomis to Newcastle against them, must not pass east cross-over switch at Newcastle until opposing trains on Track No. 1 have arrived.

Westward trains must stop east of east cross-over switch at Newcastle unless they receive a proceed train-order signal.

Westward trains, receiving orders east of Bowman, moving an eastward train to Bowman against them on track No. 1, must not pass cross-over switch at Bowman until opposing train has arrived at that point, and if train order signal at Bowman is in "Stop" position westward trains must not pass cross-over switch until train order signal has been placed in "Proceed" position or a clearance obtained.

Nos. 210, 24. 34 and 306 will use track No. 4 Rocklin to Loomis.

ADDITIONAL STOPS ON SIGNAL.

- Nos. 13 and 29, stations between Roseville and Sacramento to discharge passengers from points east of Roseville.
- No. 23, stations between Roseville and Sacramento to discharge passengers from points east of Colfax.
- No. 209, Haggin.
- Nos. 5 and 19, stations west of Colfax to discharge passengers from points east of Ogden.
- No. 1, stations west of Colfax to discharge passengers from points Cheyenne and east.
- Nos. 9 and 5 Newcastle, Penryn and Loomis to receive passengers for Roseville and north, and Sacramento and west.

Eastward.

FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			FIRST CLASS					Distance from San Francisco	Time Table No. 102 April 20, 1916 STATIONS	
	254	308	310	2	10	20	24	6			
	Ogden Manifest	Way Freight	Way Freight	Overland Limited	San Francisco Limited	Pacific Limited	Tonopah Express	Atlantic Express			
	Leave Daily	Lv. Monday Wednesday and Friday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
60 PTW	6.30PM	10.50AM		10.25PM	9.05PM	5.25PM	5.00PM	3.45AM	166.6	DN **BLUE CANON**	3.1
73		11.10		10.35	9.17	5.38	f 5.12	4.00	169.7	FULDA	2.1
68 PT		11.30		10.41	9.25	5.45	f 5.19	4.09	171.8	D EMIGRANT GAP	1.5
51		11.47AM		10.45	9.29	5.50	f 5.27	4.15	173.3	DN **SMART**	2.8
54		12.15PM		10.53	9.38	6.00	f 5.34	4.28	176.1	YUBA PASS	2.2
51 W		12.35		11.00	9.50	6.11	f 5.42	4.38	178.3	CRYSTAL LAKE	2.0
49 W		1.05		11.05	9.58	6.19	s 5.49	f 4.48	180.3	DN CISCO	3.5
53		1.30		11.13	10.10	6.30	f 6.01	5.03	183.8	TAMARACK	2.0
50 W		1.50		11.20	10.17	6.36	f 6.08	5.13	185.8	DN TROY	2.1
59		2.10		11.27	10.24	6.43	f 6.15	5.22	187.9	SPRUCE	2.8
47		2.30		11.37	10.34	6.52	f 6.25	5.35	190.7	SODA SPRINGS	2.3
128 PTW		3.05		11.48	10.45	7.03	s 6.37	s 5.50	193.0	DN SUMMIT	3.2
54		3.20		11.57PM	10.55	7.12	f 6.48	6.01	196.2	LAKE VIEW	2.0
60		3.35		12.03AM	11.01	7.17	f 6.54	6.07	198.2	EDER	2.4
57 T	10.05	3.50		12.08	11.06	7.23	f 7.01	6.20	200.6	DN ANDOVER	2.1
13 W (Spur)									202.7	* STANFORD	0.9
20 (Spur)									203.6	* ARCTIC	0.5
49		4.10		12.15	11.17	7.32	f 7.13	f 6.33	204.1	CHAMPION	2.2
60 (Spur)									206.3	* DONNER	1.7
Term. Yard PWTYOF	11.40PM	4.30PM	10.40AM	s 12.25	s 11.40	s 7.45	¶ 7.30 7.50	s 6.50	208.0	DNR **TRUCKEE**	3.1
48 (Spur)							f		211.1	* POLARIS	3.9
53 (Spur)				12.40	11.56	7.58	f 8.09	7.08	215.0	*PROSSER CREEK	1.3
20 W			11.30AM	12.43	11.59PM	8.01	s 8.14	s 7.12	216.3	D **BOCA**	1.8
80	12.46AM			12.46	12.02AM	8.04	8.18	7.16	218.1	HINTON	0.9
8 (Spur)									219.0	*BURCKHALTER	1.9
31 (Spur)							f		220.9	* ICELAND	0.6
34 (Spur)									221.5	* WICKES	0 9
75 W			12.05PM	12.55	12.11	8.13	s 8.28	s 7.26	222.4	D FLORISTON	3.1
20 W (Spur)				1.02	12.19	8.19	f 8.35	7.32	225.5	MYSTIC	3.0
No Siding W				1.08	12.26	8.25	f 8.42	7.38	228.5	CALVADA	3.9
100			1.30	1.15	12.34	8.32	s 8.51	s 7.48	232.4	D **VERDI**	2.3
65									234.7	WARE	1.1
15 (Spur)							f		235.8	MOGUL	1.4
6 W (Spur)				1.25	12.44	8.42	f 9.05	f 8.00	237.2	LAWTON	5.7
Yard OP	3.10		2.20	s 1.45	s 1.10	s 9.05	s 9.30	s 8.25	242.9	**RENO**	2.6
Yard				1.50	1.15	9.10	s 9.40	s 8.30	245.5	SPARKS (Passenger Depot)	0.7
Term. Yard FWTOP	3.30AM		2.40PM	1.55AM	s 1.20AM	9.15PM	s 9.45PM	s 8.40AM	246.2	DNR **SPARKS** (Dsprs Office)	
	Arrive Daily	Ar. Monday Wednesday and Friday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(79.6)	
	(9.00) 8.84	(5.40) 7.30	(4.00) 9.55	(3.30) 22.74	(4.15) 18.73	(3.50) 20.76	(4.45) 18.02	(4.55) 16.19		................Time over district ....Average speed per hour	

Staff System (Blue Canon to Truckee)

Automatic Block (Truckee to Sparks)

Double track (No. 2) (Truckee to Sparks)

On single track westward trains are superior to trains of the same class in the opposite direction. See Rule 72 and D72.

*Frog taken out part of season.
Siding at Ware on eastward track only.
Burckhalter Spur on eastward track only.
Water tank Mystic and Lawton on westward track only.
Lawton Spur and cross-over 0.7 mile east of station board.

On double track between Sparks and Truckee, trains keep to the left. Westward trains use track No. 1, Eastward trains track No. 2. Signals used by trackmen on this double track will be placed on left, or fireman's side of track.

ADDITIONAL STOPS ON SIGNAL
- No. 24 Union Mills. Farad, Fleish.
- No. 6 Union Mills.
- No. 24 Summit Hotel.

FIRST CLASS

File No. 521-4

CIRCULAR NO. 279.

Sacramento, April 29th,1916.

ALL CONCERNED,
Sparks, Roseville,
Sacramento,Truckee,
AGENTS, Verdi,Reno,
Floriston,Boca:

Effective May 15th, 1916 we will re-establish Fishermen's Motor car running between Truckee and Sparks on schedule as shown below, which in no way gives this train time table rights but will be handled by train orders. Freight trains, of course, avoid delaying this train, which will be operated on this schedule.

In addition to schedule below, train will stop on signal at Union Mills , Farad and Fleish.

7:10P	11:20A	Truckee	s 8:10A	s 4:50P
f	f	Polaris	f	f
f7:28	f11:40	Prosser Creek	f 7:46	f 4:26
s7:33	s11:45	Boca	s 7:42	s 4:22
f7:36	f11:49A	Hinton	f 7:37	f 4:17
f	f	Burckhalter	f	f
f	f	Iceland	f	f
f	f	Wickes	f	f
s7:46	s12:02P	Floriston	s 7:23	s 4:05
f7:51	f12:08	Mystic	f 7:13	f 3:53
f7:58	f12:15	Calvada	f 7:06	f 3:46
s8:07	s12:25	Verdi	s 6:58	s 3:38
f	f	Ware	f	f
f	f	Mogul	f	f
f8:20	f12:40	Lawton	f 6:42	f 3:22
s8:35	s12:55	Reno	s 6:30	s 3:10
s8:45	s 1:05	Sparks Pass.Dpo.	s 6:23	s 3:03
s8:50P	s 1:10P	Sparks Dispr's Office	6:20AM	3:00PM

J.H.Dyer,

Superintendent.

22-0-s

THIRD CLASS

309	307	253
Way Freight	Way Freight	Ogden Manifest
Arrive Daily Ex. Sunday	Ar. Tuesday Thursday and Saturday	Arrive Daily
	12.35PM	8.30AM
	12.20	
	12.05PM	
	11.47AM	
	11.00	
	10.40	7.20
	10.25	
	10.05	
	9.45	
	9.30	
	9.15	5.35
	9.00	
	8.10	
	7.55	
	7.40	
	7.20	
10.20AM	7.00AM	3.15
9.23		
8.00		
7.10		12.48AM
6.20		11.45PM
6.00AM		11.30PM
Leave Daily Ex. Sunday	Lv. Tuesday Thursday and Saturday	Leave Daily
(4.20) 8.77	(5.35) 7.41	(9.00) 8.82

Time over District	(3.15)	(3.07)	(4.10)	(4.35)	(3.50)
Average speed per hour	24.49	25.54	19.10	18.02	20.76

On single track westward trains are superior to trains of the same class in the opposite direction. See Rule 72 and D72.

*Frog taken out part of season.
Siding at Ware on eastward track only.
Burckhalter Spur on eastward track only.
Water tank Mystic and Lawton on westward track only.
Lawton Spur and crossover 0.7 mile east of station board.

On double track between Sparks and Truckee, trains keep to the left. Westward trains use track No. 1, Eastward trains track No. 2. Signals used by trackmen on this double track will be placed on left, or fireman's side of track.

ADDITIONAL STOP ON SIGNAL:
No. 23 Union Mills, Farad, Fleish and Summit Hotel.

Eastward.

FROM SAN FRANCISCO

Time Table No. 102

THIRD CLASS

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	254 Ogden Manifest Leave Daily	308 Way Freight Lv. Monday Wednesday and Friday	310 Way Freight Leave Daily Ex. Sunday
60 PTW	6.30PM	10.50AM	
73		11.10	
68 PT		11.30	
51		**11.47AM**	
54		12.15PM	
51 W		12.35	
49 W		1.05	
53		1.30	
50 W		1.50	
59		2.10	
47		2.30	
128 PTW		3.05	
54		3.20	
60		3.35	
57 T	**10.05**	3.50	
13 W (Spur)			
20 (Spur)			
49		4.10	
60 (Spur)			
Term. Yard PWTYOF	**11.40PM**	4.30PM	10.40AM
48 (Spur)			
53 (Spur)			
20 W			11.30AM
80	**12.46AM**		
8 (Spur)			
31 (Spur)			
34 (Spur)			
75 W			12.05PM
20 W (Spur)			
No Siding W			
100			1.30
65			
15 (Spur)			
6 W (Spur)			
Yard OP	3.10		2.20
Yard			
Term. Yard FWTOP	3.30AM		2.40PM
	Arrive Daily	Ar. Monday Wednesday and Friday	Arrive Daily Ex. Sunday
	(9.00) 8.84	(5.40) 7.30	(4.00) 9.55

FIRST CLASS

2	10	20	24	6
Overland Limited	San Francisco	Pacific		

On single track westward trains are superio

See Rule 72 and D72.

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Water tank Mystic and Lawton on westward track only.
Lawton Spur and cross-over 0.7 mile east of station board.

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ADDITIONAL STOPS ON SIGNAL	
	No. 24 Union Mills, Farad, Fleish.
	No. 6 Union Mills.
	No. 24 Summit Hotel.

TOWARD SAN FRANCISCO.

Westward.

Time Table No. 102

April 20, 1916

			Distance from Sparks	FIRST CLASS					THIRD CLASS		
				1	9	5	23	19	309	307	253
				Overland Limited	Fast Mail	San Francisco Limited	Tonopah Express	Pacific Limited	Way Freight	Way Freight	Ogden Manifest
	STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Ar. Tuesday Thursday and Saturday	Arrive Daily
DN	**BLUE CANON** 3.1		79.6	3.30AM	s 7.47AM	s 12.05PM	s 12.15AM	s 2.30AM		12.35PM	8.30AM
	FULDA 2.1		76.5	3.23	7.40	11.57AM	f 12.06	2.20		12.20	
D	EMIGRANT GAP 1.5		74.4	3.18	7.35	f 11.51	s 12.01AM	2.14		12.05PM	
DN	**SMART** 2.8		72.9	3.15	7.32	f **11.47**	f 11.56PM	2.11		**11.47**AM	
	YUBA PASS 2.2		70.1	3.08	7.25	11.40	f 11.48	2.04		11.00	
	CRYSTAL LAKE 2.0		67.9	3.03	**7.20**	11.35	f 11.42	1.58		10.40	**7.20**
DN	CISCO 3.5		65.9	2.56	7.13	f 11.29	s 11.37	1.51		10.25	
	TAMARACK 2.0		62.4	2.46	7.03	11.18	f 11.27	1.41		10.05	
DN	TROY 2.1		60.4	2.40	6.57	11.12	f **11.20**	1.35		9.45	
	SPRUCE 2.8		58.3	2.35	6.52	11.06	f 11.05	1.29		9.30	
	SODA SPRINGS 2.3		55.5	2.29	6.46	10.57	f 10.55	1.22		9.15	**5.35**
DN	SUMMIT 3.2		53.2	2.23	6.40	f 10.49	s **10.45**	1.15		9.00	
	LAKE VIEW 2.0		50.0	2.11	6.31	10.35	f 10.20	1.02		8.10	
	EDER 2.4		48.0	2.05	6.26	10.28	f 10.13	12.55		7.55	
DN	ANDOVER 2.1		45.6	2.00	**6.20**	10.20	f **10.05**	12.47		7.40	
	*STANFORD 0.9		43.5								
	*ARCTIC 0.5		42.6								
	CHAMPION 2.2		42.1	1.52	6.12	10.08	f 9.54	12.37		7.20	
	* DONNER 1.7		39.0								
NR	**TRUCKEE** 3.1	Double Track (No. 1)	38.2 38.0	s 1.40	s 6.00	s 9.55	s 9.45	s **12.25**	10.20AM	**7.00**AM	3.15
	* POLARIS 3.9		34.9				f				
	*PROSSER CREEK 1.3		31.0	1.17	5.42	9.27	f 9.10	12.01AM			
	BOCA 1.8		29.7	1.14	5.38	s **9.23**	s 9.06	11.57PM	**9.23**		
	HINTON 0.9		27.9	1.11	5.34	9.19	9.00	11.53			
	*BURCKHALTER 1.9		27.0								
	*ICELAND 0.6		25.1				f				
	* WICKES 0.9		24.5								
	FLORISTON 3.0		23.6	1.05	5.28	s 9.08	s 8.50	11.42	8.00		
	MYSTIC 3.0		20.6	1.00	5.23	8.58	f 8.41	11.35			
	CALVADA 3.9		17.6	12.55	5.17	8.51	8.35	11.28			
	VERDI 2.2		13.7	**12.48**	5.10	s 8.42	s 8.28	11.20	7.10		**12.48**AM
	WARE 1.1		11.5								
	MOGUL 1.4		10.4				f				
	LAWTON 5.7		9.0	12.38	5.00	8.23	f 8.17	11.07			
	RENO 2.6		3.3	s 12.28	s 4.52	s 8.10	s 8.05 7.55	s 10.55	6.20		11.45PM
	RKS (Passenger Depot) 0.7		0.7	12.18	4.43	s 7.58	s 7.43	10.43			
	SPARKS (DsprsOffice)		0.0	12.15AM	4.40AM	7.55AM	7.40PM	10.40PM	6.00AM		11.30PM
	(79.6)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Lv. Tuesday Thursday and Saturday	Leave Daily
	ime over District........................			(3.15)	(3.07)	(4.10)	(4.35)	(3.50)	(4.20)	(5.35)	(9.00)
	Average speed per hour........			24.49	25.54	19.10	18.02	20.76	8.77	7.41	8.82

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ADDITIONAL STOP ON SIGNAL:
No. 23 Union Mills, Farad, Fleish and Summit Hotel.

Eastward.

FROM SAN FRANCISCO

Time Table No. 102

April 20, 1916

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS				SECOND CLASS		FIRST CLASS							Distance from San Francisco		STATIONS
	222	228	230	224	548	546	48	14	12	22	30	54	16			
	Portland Fast Freight	Way Freight	Way Freight	Way Freight	Chico Willows MOTOR	Red Bluff MOTOR	El Dorado	Portland Express	Shasta Limited	The Statesman	Red Bluff Passenger	Sound Special	Oregon Express			
	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
	6.40AM				8.20AM		8.20PM	4.10PM	1.15PM	11.30AM	9.30AM	3.20AM	12.25AM	88.8		SACRAMENTO
Term Yard OWFPYT	1.00PM		4.10AM		9.00AM		8.55PM	4.45PM		12.10PM		3.55AM	1.00AM	106.6	DN	ROSEVILLE 6.2
49	1.20		4.40		f 9.12		9.04	f 4.55		f 12.20		4.05	1.11	112.8		WHITNEY 4.2
134 W	1.35		5.15		s 9.19		s 9.11	s 5.02		s 12.28		f 4.12	s 1.17	117.0	D	LINCOLN 1.3
34 Spur														118.3		CLAYTON 0.3
9 Spur	—							—						118.6		*AHART 2.4
38	1.53		5.28		f 9.27		9.17	f 5.08		f 12.34		4.19	1.23	121.0		EWING 3.8
32	2.15		5.40		f 9.34		f 9.22	f 5.18		s 12.41		4.25	1.29	124.8		SHERIDAN 3.3
138 W	2.40		6.15		s 9.40		s 9.26	s 5.24		s 12.48		f 4.30	s 1.35	128.1	D	WHEATLAND 6.1
53	3.00		6.50		f 9.52		9.36	f 5.35		f 12.58		4.40	1.50	134.2		OSTROM 6.6
Yard WOP	3.50	10.30AM	7.15AM		s 10.05 10.15		s 9.50	s 5.50		s 1.20		s 5.00	s 2.15	140.8	DNR	MARYSVILLE 1.0
Yard PIY	3.55	10.35			10.18		9.53	5.53		1.23		5.03	2.18	141.8		BINNEY JUNCTION W. P. Ry. Crossing. 2.9
112	4.15	10.45			f 10.23		9.58	f 6.00		f 1.29		5.08	2.24	144.7		BERG 3.0
43	4.28	11.00			f 10.28		10.03	f 6.05		f 1.35		5.12	2.29	147.7		LOMO 2.1
8 Spur					f		f	f		f				149.8		SUNSET 1.7
54 I	4.45	11.15			s 10.35		f 10.08	s 6.15		s 1.45		f 5.18	f 2.35	151.5	D	LIVE OAK N. E. Ry. Crossing 4.4
5 Spur					f									155.9		FAGAN 2.1
120	5.05	11.55AM			s 10.47		s 10.18	s 6.30		s 1.58		s 5.30	s 2.45	158.0	DN	GRIDLEY 3.4
49 W	5.15	12.30PM			s 10.54		s 10.24	s 6.37		s 2.04		s 5.36	s 2.53	161.4	D	BIGGS 6.0
49	5.35	1.15			s 11.06		f 10.36	s 6.50		s 2.14		5.54	3.04	167.4		RICHVALE 4.1
110	5.47	1.35			f 11.14		f 10.44	s 7.00		s 2.22		6.04	3.11	171.5		NELSON 6.6
49	6.05	2.10			s 11.27		f 10.56	s 7.15		s 2.33		f 6.16	3.22	178.1	D	DURHAM 3.8
9 Spur					f			f		f				181.9		FAULKNER 2.3
Yard OYW	6.40	2.45 3.25			s 11.40AM 12.05PM		s 11.05PM	s 7.35		s 2.50		s 6.35	s 3.40	184.2	DNR	N. E. Ry. Crossing CHICO 4.9
7 Spur	6.55	3.35			f 12.15			7.44		3.00		6.43	3.47	189.1		POND 2.2
29	7.03	3.50			f 12.21			f 7.47		s 3.08		6.46	3.51	191.3		NORD 2.3
112	7.12	4.00			f 12.26			f 7.51		f 3.12		6.49	3.56	193.6		ANITA 2.4
20	7.25	4.15			f 12.31			f 7.54		f 3.16		6.53	4.01	196.0		CANA 2.6
8 Spur	7.35	4.25			f 12.36			f 7.59		f 3.20		6.57	4.06	198.6		SOTO 4.4
49 W	8.07	4.45			s 12.45			s 8.07		s 3.28		f 7.04	s 4.13	203.0	D	VINA 1.6
15	8.20	4.55			f 12.49			8.10		3.32		7.07	4.16	204.6		COPELAND 2.5
12 Spur					f			f		f				207.1		ENSIGN 0.9
8 Spur					f			f		f				208.0		BOHEMIA 1.7
48	8.40	5.30			s 1.00			s 8.20		s 3.42		f 7.15	s 4.25	209.7	D	LOS MOLINOS 2.0
120 PWY	9.00	6.00		3.50AM	s 1.10PM	10.00AM		s 8.35	4.38PM	s 3.50	2.45PM	s 7.30	s 4.40	211.7	Automatic Block DNR	TEHAMA 3.0
250	9.15	6.28		4.00		f 10.08 10.18		f 8.41	4.43	f 3.56	f 2.52	7.37	4.46	214.7		GERBER 0.9
49	9.20	6.35		4.05		f 10.21		f 8.43	4.45	f 3.59	f 2.54	7.39	f 4.48	215.6		PROBERTA 3.3
110	9.35	7.10		4.15		f 10.29		f 8.50	4.50	f 4.05	f 3.00	7.45	5.00	218.9		RAWSON 4.5
Term Yard FWTO	10.00PM	7.30PM		4.30AM		s 10.40AM		s 9.00PM	5.00PM	s 4.15PM	s 3.10PM	s 7.55AM	s 5.10AM	223.4	DNR	RED BLUFF
	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	(116.8)		
Marysville Yard—See trains on page 11.	(9.00) 12.98	(9.00) 13.86	(3.05) 11.09	(0.40) 17.55	(4.10) 29.34	(0.40) 25.66	(2.10) 35.81	(4.15) 27.36	(0.22) 31.91	(4.20) 26.95	(0.25) 28.08	(4.00) 29.20	(4.10) 28.03			..........Time over District ....Average speed per hour

Time at Tehama applies at Junction Switch.
*Frog out.

ADDITIONAL STOPS ON SIGNAL.
- No. 16 to receive passengers for Portand and points beyond.
- No. 54 to receive passengers for Dunsmuir and points beyond.
- No. 548 Hills and Morrisons crossing, Nord Ave., Chico, and Second Street, Tehama.

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Time Table No. 102

April 20, 1916

			FIRST CLASS							SECOND CLASS	THIRD CLASS	FOURTH CLASS		
		Distance from Red Bluff	15	47	21	53	11	29	13	547	221	223	229	227
			California Express	El Dorado	The Statesman	Golden Gate Special	Shasta Limited	Sacramento Passenger	San Francisco Express	Sacramento MOTOR	Portland Fast Freight	Way Freight	**Way Freight**	Way Freight
	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	**Arrive Daily Ex. Sunday**	**Arrive Daily Ex. Sunday**
	SACRAMENTO		10.20AM	8.05AM	3.00PM	4.00PM	4.10PM	6.30PM	3.15AM	11.10PM	7.00PM			
DN	**ROSEVILLE** 6.2	116.8		s 7.32AM	s 2.18PM			s 5.55PM	s 2.40AM	s 10.35PM	4.00PM		11.50AM	
	WHITNEY 4.2	110.6		f 7.23	f 2.10			f 5.43	2.29	f 10.20	3.36		11.25	
D	LINCOLN 1.3	106.4		s 7.17	s 2.03			s 5.36	f 2.22	s 10.12	3.22		11.00	
	CLAYTON 0.3	105.1												
	*AHART 2.4	104.8												
	EWING 3.8	102.4		7.10	f **1.53**			f 5.27	2.15	f 10.03	3.10		10.25	
	SHERIDAN 3.3	98.6		f 7.05	s 1.47			f **5.18**	2.08	f 9.55	3.00		10.00	
D	WHEATLAND 6.1	95.3		s 7.00	s 1.41			s 5.10	f 2.02	s 9.48	**2.40**		**9.40**	
	OSTROM 6.6	89.2		f **6.50**	f 1.31			f 4.58	**1.50**	f **9.36**	2.00		9.10	
DNR	**MARYSVILLE** 1.0	82.6		s 6.40	s **1.20**			s 4.45	s 1.35	9.15 s 9.05	**1.30** **1.05**		8.50AM	4.30PM
	BINNEY JUNCTION W. P. Ry. Crossing 2.9	81.6		6.35	1.10			4.39	1.25	9.01	1.00			4.25
	BERG 3.0	78.7		f 6.31	f 1.05			f 4.34	1.20	f 8.55	12.45			**4.15**
	LOMO 2.1	75.7		6.26	f 12.59			f **4.28**	1.14	f 8.49	12.30			3.50
	SUNSET 1.7	73.6		f	f			f		f				
D	LIVE OAK N. E. Ry. Crossing 4.4	71.9		s 6.22	s 12.52			s 4.22	f 1.07	s 8.41	12.15PM			3.30
	FAGAN 2.1	67.5						f		f				
DN	GRIDLEY 3.4	65.4		s 6.11	s 12.40			s 4.11	f 12.55	s 8.28	**11.55AM**			3.00
D	BIGGS 6.0	62.0		s 6.05	s **12.30**			s 4.04	f 12.46	s 8.20	11.45			**2.04**
	RICHVALE 4.1	56.0		f **5.54**	s 12.18			s 3.53	f 12.33	f 8.08	11.27			**1.15**
	NELSON 6.6	51.9		f 5.45	s 12.10PM			f 3.46	f 12.25	f 8.00	**11.14**			12.55
D	DURHAM 3.8	45.3		f 5.33	s 11.57AM			s 3.35	f 12.12	s 7.48	10.50			12.30PM
	FAULKNER 2.3	41.5						f		f				
DN R	N. E. Ry. Crossing **CHICO** 4.9	39.2		5.25AM	¶**11.45** **11.25**			s **3.25**	s 12.01AM	s **7.35** **7.30**	10.30			**11.55AM** 11.00
	POND 2.2	34.3			11.14			f 3.13	11.45PM	f 7.21	9.58			10.45
	NORD 2.3	32.1			s 11.10			f **3.08**	f 11.42	f 7.17	9.40			10.35
	ANITA 2.4	29.8			f 11.06			f 2.58	11.37	f **7.12**	9.25			10.20
	CANA 2.6	27.4			f 11.01			f 2.52	11.31	f 7.07	9.15			10.00
	SOTO 4.4	24.8			f 10.55			f 2.45	11.26	f 7.01	8.58			9.45
D	VINA 1.6	20.4			s 10.47			s 2.37	f 11.18	s 6.53	8.40			9.35
	COPELAND 2.5	18.8			10.43			f 2.31	11.14	f 6.50	8.30			9.15
	ENSIGN 0.9	16.3			f			f		f				
	BOHEMIA 1.7	15.4			f			f		f				
D	LOS MOLINOS 2.0	13.7			s 10.33			s 2.21	s 11.03	s 6.40	8.10			8.55
Automatic Block DN R	**TEHAMA** 3.0	11.7	s 5.20AM		10.25 s 10.20	s 10.25AM	12.50PM	s 2.15	s 10.55	s 6.35	8.00	6.05AM		8.40
	GERBER 0.9	8.7	f 5.12		f **10.13**	f **10.18**	12.44	f 2.07	10.49	f **6.28**	**7.37**	5.55		8.25
	PROBERTA 3.3	7.8	f 5.10		f 10.11	f 10.16	12.42	f 2.05	10.47	f 6.26	7.30	5.50		8.20
	RAWSON 4.5	4.5	f **5.00**		10.05	10.10	12.37	f 2.00	10.40	f 6.20	7.15	5.40		8.10
DN R	**RED BLUFF**	0.0	4.45AM		9.55AM	10.00AM	12.30PM	1.50PM	10.30PM	6.10PM	7.00AM	5.25AM		**8.00AM**
	(116.8)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	**Leave Daily Ex. Sunday**	**Leave Daily Ex. Sunday**
	Time over District ...... Average speed per hour		(2.07) 36.66	(0.25) 28.08	(4.23) 29.44	(0.25) 28.08	(0.20) 35.10	(4.05) 28.40	(4.10) 25.98	(4.25) 28.33	(9.00) 14.22	(0.40) 17.55	(3.00) 11.18	(8.30) 13.12

*Frog out. **Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.**

Marysville Yard see page 11.

ADDITIONAL STOPS ON SIGNAL.
No. 13 stations west of Red Bluff to discharge passengers from Portland or points beyond.
No. 547 Second Street, Tehama, Nord Ave., Chico, Morrison and Hill's crossings.

Time at Tehama applies at Jct. Switch.

Eastward.

FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			SECOND CLASS				FIRST CLASS			Distance from San Francisco		Time Table No. 102 April 20, 1916
	226	232	224	544	542	546	536		12	30			
	Way Freight	Knights Landing Way Freight	Way Freight	Tehama MOTOR	Oroville MOTOR	Red Bluff MOTOR	Oroville MOTOR		Shasta Limited	Red Bluff Passenger			
	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Daily	Leave Daily			STATIONS
WFTYOP	5.10AM	5.00AM		7.10PM	6.10PM		7.50AM	Use Western Division Time Table	1.15PM Sacramento	9.30AM to Davis.	88.3		**SACRAMENTO** 13.2
Terminal Yard WYP	6.00AM	5.40AM		7.55PM	6.45PM		8.25AM		1.55PM	10.15AM	75.6	DNR	**DAVIS** 5.1
49	6.15	5.50		f 8.05	f 6.55		f 8.35		2.02	f 10.25	80.7		MERRITT 2.5
20	6.25	5.55		f 8.09	f 7.00		f 8.40		2.06	f 10.29	83.2		MULLEN 1.7
68 TPW	6.30 7.00	6.00AM		s 8.15	s 7.05PM		s 8.45AM		2.08	s 10.37	84.9	DR	**WOODLAND** Sacramento Woodland Ry. Crossing 4.3
30 Spur				f						f	89.2		ELVATON 0.7
30	7.20			s 8.25					2.16	s 10.47	89.9	D	YOLO 2.2
14 Spur				f						f	92.1		DUFOUR 1.6
6 Spur				f						f	93.7		RONDA 2.1
43	7.40			s 8.37					2.24	s 11.00	95.8	D	ZAMORA 2.2
20	7.50			f 8.41					2.27	f 11.05	98.0		BRETONA 5.2
38 W	8.23			s 8.51					2.34	s 11.15	103.2	D	DUNNIGAN 3.2
43	8.45			f 8.57					2.38	f 11.21	106.4		HERSHEY 1.9
237 YP	9.00			f 9.01					2.43	f 11.24	108.3		**HARRINGTON** 5.2
49	9.30			s 9.10 9.15					2.50	s 11.35	113.5	D	ARBUCKLE 4.1
35 W	9.45			f 9.22					2.58	f 11.43	117.6		GENEVRA 0.9
15	9.50			f 9.24					3.00	f 11.45	118.5		MACY 5.7
57	10.20			s 9.33					3.09	¶ 11.55AM 12.20PM	124.2	D	WILLIAMS 4.9
49	10.35			f 9.42					3.15	f 12.30	129.1		COLUSA JUNCTION 3.9
50 W	11.15			s 9.49					3.21	s 12.38	133.0	D	MAXWELL 5.3
47	11.56AM			f 9.58					3.28	s 12.48	138.3		DELAVAN 3.8
40	12.25PM			f 10.03					3.33	s 12.57	142.1		NORMAN 2.2
36	1.02			f 10.08					3.37	f 1.02	144.3		LOGANDALE 5.6
64 WFY	1.40PM		1.15AM	s 10.20		8.45AM			3.45	s 1.15	149.9	DNR	**WILLOWS** 3.3
14			1.25	f 10.25		f 8.53			3.50	f 1.21	153.2		LYMAN 3.6
48			1.45	f 10.31		s 9.00			3.57	s 1.34	156.8	D	GERMANTOWN 3.9
62			1.55	f 10.38		f 9.08			4.02	f 1.47	160.7		GRAPIT 1.3
36			2.02	f 10.41		f 9.11			4.05	f 1.50	162.0		GREENWOOD 3.4
45 PW			2.30	s 10.47		s 9.18			4.09	s 2.02	165.4	Automatic Block DR	ORLAND 1.6
42 PY			2.35	f 10.50		f 9.22			4.11	f 2.05	167.0	Automatic Block	**WYO** 2.0
16			2.40	f 10.54		f 9.26			4.14	f 2.10	169.0		MALTON 4.4
30			2.52	f 11.02		f 9.34			4.19	s 2.17	173.4		KIRKWOOD 5.1
51			3.15	s 11.15		s 9.44			4.26	s 2.30	178.5	D	CORNING 3.1
49			3.25	f 11.21		f 9.50			4.31	s 2.37	181.6		RICHFIELD 4.7
120 WY			3.40AM	s 11.30PM		s 10.00AM			4.38PM	s 2.45PM	186.3	DNR	**TEHAMA**
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily			(110.7)
	(7.40)	(0.20)	(2.25)	(3.35)	(0.20)	(1.15)	(0.20)		(2.43)	(4.30)			........................Time over District
	10.36	27.90	15.06	31.63	27.90	29.12	27.90		40.75	24.60			........................Average speed per hour

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL. No. 12 Willows to receive passengers for Dunsmuir and points beyond.

Time at Tehama applies at Junction Switch.

*Frog Out.

TOWARD SAN FRANCISCO

Westward.

	Time Table No. 102 April 20, 1916	Distance from Tehama	FIRST CLASS				SECOND CLASS					THIRD CLASS	FOURTH CLASS	
			15	53	11		541	545	549	539	543	225	223	233
			California Express	Golden Gate Special	Shasta Limited		Sacramento MOTOR	Hamilton MOTOR	Willows and Fruto MOTOR	Sacramento MOTOR	Davis MOTOR	Way Freight	Way Freight	Knights Landing Way Freight
	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Monday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
	SACRAMENTO 13.2	123.9	10.20AM Use We	4.00PM stern Division	4.10PM Time Table	Davis to Sacramento	9.00AM			7.15PM	8.15PM	1.20PM		2.00PM
DNR	**DAVIS** 5.1	110.7	s 9.35AM	s 2.20PM	s 3.40PM		s **8.25AM**			s **6.40PM**	s 7.30PM	12.25PM		1.00PM
	MERRITT 2.5	105.6	9.23	f **2.02**	3.31		f 8.15			f 6.25	f 7.18	12.15		12.42
	MULLEN 1.7	103.1	9.18	1.50	3.26		f 8.10			f 6.20	f 7.13	12.05PM		12.35
DR	**WOODLAND** Sacramento Woodland Ry. Crossing. 4.3	101.4	s 9.13	s 1.45	3.22		8.05AM			6.15PM	s **7.10**	11.55AM		12.30PM
	ELVATON 0.7	97.1	f	f							f			
D	YOLO 2.2	96.4	s 8.55	s 1.25	3.11						s 6.55	**10.47**		
	DUFOUR 1.6	94.2	f	f							f			
	RONDA 2.1	92.6	f								f			
D	ZAMORA 2.2	90.5	s 8.43	s 1.14	3.03						s 6.45	10.10		
	BRETONA 5.2	88.3	f 8.36	f 1.10	3.00						f 6.40	9.45		
D	DUNNIGAN 3.2	83.1	s **8.23**	s 1.01	2.53						s 6.30	9.30		
	HERSHEY 1.9	79.9	f 8.15	f 12.54	2.48						f 6.24	9.10		
	HARRINGTON 5.2	78.0	f 8.10	12.51	**2.43**						f 6.20	**9.00**		
D	ARBUCKLE 4.1	72.8	s 8.00	s 12.43	2.35						s 6.10 6.00	8.35		
	GENEVRA 0.9	68.7	f **7.47**	f 12.33	2.29						f 5.52	**7.47**		
	MACY 5.7	67.8	f 7.42	12.30	2.27						f 5.50	7.25		
D	WILLIAMS 4.9	62.1	s 7.32	s **12.20**	2.20						s 5.40	7.05		
	COLUSA JUNCTION 3.9	57.2	f 7.20	12.12	2.14						f 5.32	6.35		
D	MAXWELL 5.3	53.3	s 7.12	s 12.05PM	2.09						s 5.25	6.25		
	DELAVAN 3.8	48.0	f 7.00	f **11.56AM**	2.03						f 5.16	6.05		
	NORMAN 2.2	44.2	f 6.52	f 11.51	1.58						f 5.09	5.53		
	LOGANDALE 5.6	42.0	f 6.47	f 11.47	1.55						f 5.05	5.45		
DNR	**WILLOWS** 3.3	36.4	s 6.37	s 11.38	**1.47**				s **3.40PM**		s 4.55	5.30AM	9.15AM	
	LYMAN 3.6	33.1	f 6.25	11.28	1.40				f 3.31		f 4.47		**8.53**	
D	GERMANTOWN 3.9	29.5	s 6.19	s 11.23	**1.34**				s 3.26		s 4.41		8.30	
	GRAPIT 1.3	25.6	6.11	11.15	1.29				f 3.20		f 4.34		8.00	
	GREENWOOD 3.4	24.3	6.08	f 11.12	1.26				f 3.18		f 4.32		7.55	
Automatic Block DR	ORLAND 1.6	20.9	s 6.03	s 11.06	1.21				s 3.12		s 4.25		7.40	
	WYO 2.0	19.3	5.57	11.00	1.18			s **2.00PM**	3.05PM		f 4.20		7.20	
	MALTON 4.4	17.3	f 5.54	f 10.56	1.15			f 1.55			f **4.14**		7.10	
	KIRKWOOD 5.1	12.9	f 5.48	f 10.50	1.09			f 1.47			f 4.00		6.55	
D	CORNING 3.1	7.8	s 5.39	s 10.40	1.02			s 1.37			s 3.50		6.40	
	RICHFIELD 4.7	4.7	f 5.33	f 10.33	12.57			f 1.27			f 3.44		6.20	
DNR	**TEHAMA**	0.0	5.25AM	10.25AM	12.50PM			1.15PM			3.35PM		6.05AM	
	(110.7)		Leave Daily	Leave Daily	Leave Daily		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Monday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	Time over District....................		(4.10)	(3.55)	(2.50)		(0.20)	(0.45)	(0.35)	(0.25)	(3.55)	(6.55)	(3.10)	(0.30)
	Average speed per hour................		24.60	28.92	39.08		27.90	29.96	29.18	26.11	28.26	11.02	11.03	18.62

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Time at Tehama applies at Junction Switch.

***Frog Out.**

Eastward. FROM SAN FRANCISCO. | TOWARD SAN FRANCISCO. **Westward.**

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS	SECOND CLASS		FIRST CLASS	Distance from San Francisco		Time Table No. 102 April 20, 1916	Distance from Placerville	FIRST CLASS			THIRD CLASS
	264 Way Freight	530 Fair Oaks and Folsom MOTOR	520 Fair Oaks and Placerville MOTOR	62 Fair Oaks and Placerville Passenger					521 Fair Oaks and Sacramento MOTOR	61 Fair Oaks and Sacramento Passenger	531 Fair Oaks and Sacramento MOTOR	265 Way Freight
	Lv. Monday, Wednesday and Friday	Leave Daily	Leave Daily	Leave Daily			**STATIONS**		Arrive Daily	Arrive Daily	Arrive Daily	Ar. Tuesday, Thursday and Saturday
WFTYOP	6.00AM	5.30PM	8.10AM	2.50PM	88.8	DNR	**SACRAMENTO** 0.5	59.9	s 7.55AM	s 10.40AM	s 5.05PM	1.50PM
					89.3		Sacramento-Woodland Ry. Crossing 0.3	59.4				
			8.15		89.6		JCT. SWITCH, R STREET 0.1	59.1	7.50			
					89.7		Northern Electric Crossing Western Pacific Crossing 0.5	59.0				
					90.2		Central California Traction Crossing 0.6	58.5				
I	Via Elvas	Via Elvas		Via Elvas	90.8		Western Pacific Crossing 1.2	57.9				
I					92.0		Northern Electric Crossing 0.3	56.7		Via Elvas	Via Elvas	Via Elvas
Yard			f 8.22		92.3		HOMESTEAD 2.4	56.4	7.38			
Yard W	6.20	s 5.50	s 8.30	s 3.05	94.7	DNR	**BRIGHTON** S. P. Crossing. 0.8	54.0	s 7.34	s 10.23	s 4.50	1.25
7 Spur		f	f	f	95.5		RAMONA 0.4	53.2	f	f	f	
29	6.25	f 5.53	f 8.33	s 3.08	95.9		PERKINS 1.6	52.8	f 7.30	s 10.19	f 4.46	1.15
9		f	f	f	97.5		MANLOVE 1.4	51.2	f	f	f	
81	6.35	f 5.58	f 8.41	s 3.13	98.9		MAYHEW 1.8	49.8	f 7.25	s 10.13	f 4.40	12.50
8		f	f	f	100.7		ROUTIER 0.9	48.0	f	f	f	
22	6.40	f 6.04	f 8.47	f 3.18	101.6		MILLS 1.8	47.1	f 7.20	f 10.06	f 4.35	12.35
35	**7.17**	f 6.07	f 8.51	f 3.21	103.4		CORDOVA 1.0	45.3	f **7.17**	f 10.02	f 4.31	12.20
35	7.35 8.45	s 6.09 6.21	s 8.55 9.10	s 3.24 3.37	104.4	R	**CITRUS** 3.0	44.3	7.15 s 7.03	s 10.00 9.48	4.28 s 4.15	12.10PM 11.05AM
18	8.58	f 6.26	f 9.15	f 3.44	107.4		NIMBUS 0.9	41.3	f 6.57	f 9.43	f 4.08	10.50
31		f	f	f	108.3		ALDER CREEK 1.8	40.4	f	f	f	
25	9.10 9.40	f 6.31	f 9.20	f 3.49	110.1		NATOMA 1.0	38.6	f 6.52	f 9.38	f 4.03	10.37
25 WY	10.30	s 6.35PM	s 9.35	s 4.00	111.1	DR	**FOLSOM** 6.9	37.6	6.50AM	s 9.35	s 4.00	10.30
9	11.00		f 9.55	f 4.17	118.0		WHITE ROCK 5.1	30.7		f 9.17	f 3.40	9.55
9 Spur	11.25		f 10.07	f 4.29	123.1		COTHRIN 3.0	25.6		f 9.05	f 3.29	9.20
15	11.40		s 10.16	s 4.37	126.1	D	LATROBE 1.5	22.6		s 8.58	s 3.23	8.58
4 Spur			f	f	127.6		FLONELLIS 0.5	21.1		f	f	
9 Spur	11.50		f 10.21	f 4.43	128.1		BRELA 1.7	20.6		f 8.52	f 3.18	8.10
6 Spur	11.59AM		f 10.26	f 4.47	129.8		BRANDON 1.6	18.9		f 8.48	f 3.15	8.05
6	12.05PM		f 10.30	f 4.51	131.4		DUGAN 0.3	17.3		f 8.44	f 3.10	7.58
4 Spur			f	f	131.7		BULLARD 2.3	17.0		f	f	
2 Spur	12.15		f 10.36	f 4.58	134.0		BENNETT 2.9	14.7		f 8.37	f 3.05	7.48
27	12.35		s 10.44	s 5.08	136.9		SHINGLE SPRINGS 3.5	11.8		s 8.30	s 2.58	7.38
6 Spur	12.50		f 10.52	f 5.17	140.4		CUMMINGS 2.3	8.3		f 8.22	f 2.50	7.25
30	1.00		s 10.59	s 5.23	142.7		EL DORADO 2.3	6.0		s 8.16	s 2.44	7.15
23	1.15		s 11.05	s 5.30	145.0	D	**DIAMOND SPRINGS** 3.7	3.7		s 8.10	s 2.39	7.05
Yard WT	1.30PM		s 11.15AM	s 5.40PM	148.7	DR	**PLACERVILLE**	0.0		8.00AM	2.30PM	6.45AM
	Ar. Monday, Wednesday and Friday	Arrive Daily	Arrive Daily	Arrive Daily			(59.9)		Leave Daily	Leave Daily	Leave Daily	Lv. Tuesday, Thursday and Saturday
	(7.30)	(1.05)	(3.05)	(2.50)			Time over District		(2.40)	(1.05)	(2.35)	(7.05)
	10.27	27.34	21.14	22.86			Average speed per hour		24.54	27.22	25.31	9.57

Westward trains are superior to trains of the same class in the opposite direction—See Rule 72.

ADDITIONAL STOPS ON SIGNAL.	All trains Soudan, Malby, Stone House, Webber Creek Bridge, Bradshaw, Salsbury, Alden, Plummer, Carpenter and Limestone. Nos. 520 and 521 Tenth, Twenty-first and Twenty-eight Streets, Sacramento and East Lawn.

For Fair Oaks Branch trains, see page 12.
For Walnut Grove Branch Trains, Sacramento and Junction Switch R Street, see page 12.

Water—One mile east of Dugan.

Eastward. FROM SAN FRANCISCO.

TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS		SECOND CLASS			Distance from San Francisco		Time Table No. 102 April 20, 1916	Distance from Oroville	SECOND CLASS			FOURTH CLASS	
	234	232	542	538	536					541	537	539	233	235
	Oroville Way Freight	Knights Landing Way Freight	Oroville MOTOR	Oroville MOTOR	Oroville MOTOR					Davis and Sacramento MOTOR	Marysville MOTOR	Davis and Sacramento MOTOR	Knights Landing Way Freight	Oroville Way Freight
	Lv. Monday, Wednesday, Saturday only	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily			**STATIONS**		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Ar. Monday, Wednesday, Saturday only
68 TPW		6.20AM	7.15PM		8.45AM	84.9	DR	**WOODLAND** 2.3	63.0	s 8.05AM		s 6.15PM	12.05PM	
16						87.2		GARIC 0.5	60.7					
23			f 7.25		f 8.52	87.7		PEART 1.7	60.2	f 7.55		f 6.05		
29 Spur			f		f	89.4		LAUGENOUR 0.7	58.5	f		f		
19			f 7.29		f 8.56	90.1		CURTIS 2.3	57.8	f 7.51		f 6.01		
4 Spur			f		f	92.4		CORANCO 1.6	55.5	f		f		
25 Spur		6.50	s 7.40		s 9.03	94.0	D	KNIGHTS LANDING 3.4	53.9	s 7.45		s 5.55	11.30AM	
2 Spur			f		f	97.4		BYPASS 7.8	50.5	f		f		
65		7.21	f 8.10		f 9.25	105.2		CHANDLER 2.3	42.7	f 7.21		f 5.28		
29			f 8.15		f 9.29	107.5		MARCUSE 2.0	40.4	f 7.16		f 5.23		
4 Spur			f		f	109.5		WILSON 1.9	38.4	f		f		
19 W			s 8.25		s 9.37	111.4		TUDOR 1.0	36.5	s 7.09		s 5.14		
8			f 8.28		f 9.39	112.4		ABBOTT 3.4	35.5	f 7.07		f 5.12		
31			f 8.38		f 9.45	115.8		OSWALD 1.9	32.1	f 7.00		f 5.05		
32			f 8.43		f 9.49	117.7		BOGUE 2.7	30.2	f 6.56		f 5.01		
19 I		8.15	s 8.50		s 9.55	120.4	D	YUBA CITY N. E. Ry. Crossing 1.4	27.5	s 6.50		s 4.55	9.55	
Yard			s 8.57		s 10.00	121.8		N. E. Ry. Crossing E STREET, MARYSVILLE 0.6	26.1	s 6.45		s 4.50		
Yard WOP	9.00AM	8.30AM	s 9.05 9.50	1.30PM	s 10.05 10.20	122.4	DNR	**MARYSVILLE** 1.0	25.5	6.40 s 6.35	s 1.00PM	4.45 s 4.35	9.30AM	12.10PM
Yard IFY			9.55	1.35	10.23	123.4		**BINNEY JUNCTION** 3.1	24.5	6.32	12.55	4.30		
3 Spur			f	f	f	126.5		MELLO 4.2	21.4	f	f	f		
19			f 10.06	f 1.47	f 10.37	130.6		RAMIREZ 1.1	17.2	f 6.19	f 12.44	f 4.15		
8 Spur			f	f	f	131.7		MISSION 3.3		f	f	f		
15			s 10.15	s 1.55	s 10.45	135.0		HONCUT 6.6	12.9	s 6.13	s 12.36	s 4.07		
14			10.25	f 2.08	f 10.57	141.6		HEARST 0.9	6.3	6.02	f 12.24	f 3.53		
35			s 10.27	s 2.10	s 11.00	142.5		PALERMO 2.5	5.4	s 5.59	s 12.22	s 3.51		
27			10.32	f 2.17	f 11.04	145.0		VILLA VERONA 2.9	2.9	5.55	f 12.17	f 3.46		
Yard WT	10.00AM		s 10.40PM	s 2.25PM	s 11.10AM	147.9	DR	**OROVILLE**	0.0	5.50AM	12.10PM	3.40PM		11.10AM
	Ar. Monday, Wednesday, Saturday only	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily			(63.0)		Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Lv. Monday, Wednesday, Saturday only
	(1.00) 25.50	(2.10) 17.30	(3.25) 25.73	(0.55) 27.82	(2.25) 28.32			Time over District Average speed per hour		(2.15) 29.07	(0.50) 30.60	(2.45) 26.87	(2.35) 14.51	(1.00) 25.50

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Howard Spur leading from Peart to Howard 1.9 miles.

Marysville Yard—See trains on pages 6 and 7.

Time at Knights Landing applies at siding, as per Rule 5.

ADDITIONAL STOPS ON SIGNAL
- Nos. 541, 542, 536 and 539,
  - Saccarus, Vernon, Barley Sack, Lee, Cox's Lane and Baggett's Crossing.
- Nos. 537 and 538,
  - Cox's Lane and Baggett's Crossing.

Eastward. FROM SAN FRANCISCO — TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS 272	THIRD CLASS 270	FIRST CLASS 514	FIRST CLASS 512	FIRST CLASS 64	FIRST CLASS 66	FIRST CLASS 504	FIRST CLASS 502	Distance from San Francisco		Time Table No. 102 April 20, 1916 STATIONS	Distance from Fair Oaks	SECOND CLASS 501	SECOND CLASS 503	SECOND CLASS 67	SECOND CLASS 65	SECOND CLASS 511	SECOND CLASS 513	FOURTH CLASS 271	FOURTH CLASS 273
	Way Freight	Way Freight	Fair Oaks MOTOR	Fair Oaks MOTOR	Fair Oaks Passenger	Fair Oaks Passenger	Fair Oaks MOTOR	Fair Oaks MOTOR					Fair Oaks MOTOR	Fair Oaks MOTOR	Fair Oaks Passenger	Fair Oaks Passenger	Fair Oaks MOTOR	Fair Oaks MOTOR	Way Freight	Way Freight
	Lv. Tuesday, Thursday and Saturday	Lv. Monday, Wednesday and Friday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Monday, Wednesday and Friday	Ar. Tuesday, Thursday and Saturday
35 P	11.05AM	7.40AM	6.09PM	4.15PM	3.24PM	9.48AM	8.55AM	7.03AM	104.4	R	**CITRUS**	1.9	s 7.15AM	s 9.10AM	s 10.00AM	s 3.36PM	s 4.28PM	s 6.21PM	8.30AM	12.05PM
10 Spur			f	f	f	f	f	f	105.4		1.0 HOLLY	0.9	f	f	f	f	f	f		
15 PT	11.10AM	7.45AM	s 6.14PM	s 4.20PM	s 3.29PM	s 9.53AM	s 9.00AM	s 7.08AM	106.3	DR	0.9 **FAIR OAKS**	0.0	7.10AM	9.05AM	9.55AM	3.31PM	4.23PM	6.16PM	8.20AM	11.55AM
	Ar. Tuesday, Thursday and Saturday	Ar. Monday, Wednesday and Friday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(1.9) -		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Lv. Monday, Wednesday and Friday	Lv. Tuesday Thursday and Saturday
	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80			..........Time over District.......... ....Average speed per hour........		(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.10) 11.40	(0.10) 11.40

Eastward. From San Francisco. — Toward San Francisco. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS 266	FIRST CLASS 552	Distance from San Francisco		Time Table No. 102 April 20, 1916 STATIONS	Distance from Fruto	SECOND CLASS 551	FOURTH CLASS 267
	Way Freight	Fruto MOTOR					Willows MOTOR	Way Freight
	Leave Monday and Thursday only	Leave Daily					Arrive Daily	Arrive Monday and Thursday only
64 WFY	4.30AM	3.50PM	149.9	DNR	**WILLOWS**	17.0	s 5.50PM	7.25AM
7 Spur		f 3.58	152.3		2.4 LOSA	14.6	f 5.40	
20		f 4.09	155.8		3.5 KURAND	11.1	f 5.30	
10		f 4.21	159.6		3.8 MILLSHOLM	7.3	f 5.15	
9		f 4.33	163.6		4.0 ATHENA	3.3	f 5.01	
19 T	5.45AM	s 4.45PM	166.9	R	3.3 **FRUTO**	0.0	4.50PM	6.10AM
	Arrive Monday and Thursday only	Arrive Daily			(17.0)		Leave Daily	Leave Monday and Thursday only
	(1.15) 13.60	(0.55) 18.55			..................Time over District.................. ....Average speed per hour..................		(1.00) 17.00	(1.15) 13.60

Eastward. From San Francisco. — Toward San Francisco. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS 268	FIRST CLASS 550	Distance from San Francisco		Time Table No. 102 April 20, 1916 STATIONS	Distance from Hamilton	SECOND CLASS 549	FOURTH CLASS 269
	Way Freight	Hamilton MOTOR					Willows and Fruto MOTOR	Way Freight
	Leave Tuesday and Friday only	Leave Daily					Arrive Daily	Arrive Tuesday and Friday only
42 PY	5.35AM	2.05PM	167.0		**WYO**	10.4	s 3.05PM	7.15AM
30 W	6.15AM	s 2.35PM	177.4	DR	10.4 **HAMILTON**	0.0	2.40PM	6.35AM
	Arrive Tuesday and Friday only	Arrive Daily			(10.4)		Leave Daily	Leave Tuesday and Friday only
	(0.40) 15.60	(0.30) 20.80			..................Time over District.................. ....Average speed per hour..................		(0.25) 24.96	(0.40) 15.60

Eastward. FROM SAN FRANCISCO. — TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS 238	FIRST CLASS 534	FIRST CLASS 532	Distance from San Francisco		Time Table No. 102 April 20, 1916 STATIONS	Distance from Walnut Grove	SECOND CLASS 533	SECOND CLASS 535	FOURTH CLASS 239
	Way Freight	Walnut Grove MOTOR	Walnut Grove MOTOR					Sacramento MOTOR	Sacramento MOTOR	Way Freight
	Leave Tues. and Friday Only	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Tues. and Friday Only
Terminal Yard W.F.T.Y.O.P.	4.30PM	4.15PM	7.30AM	88.8	DNR	**SACRAMENTO**	24.6	s 10.00AM	s 7.00PM	9.30PM
Yard				89.3		0.5 Sacramento, Woodland Railway Crossing	24.1			
Yard	4.40	4.20	7.35	89.6		0.3 JCT. SWITCH R STREET	23.8	9.53	6.53	9.10
Yard	4.45	f 4.25	f 7.40	91.8		2.2 BATHS	21.6	f 9.48	f 6.48	9.05
60	4.50	f 4.30	f 7.45	94.2		2.4 DEL RIO	19.2	f 9.43	f 6.43	9.00
60	5.00	s 4.37	s 7.52	97.5		3.3 FREEPORT	15.9	s 9.33	s 6.33	8.50
66	6.13	s 4.55	s 8.10	105.3		7.8 HOOD	9.5	s 9.13	s 6.13	8.30
55	6.30	f 5.10	f 8.25	107.9		4.0 GLANN	5.5	f 9.01	f 6.01	7.50
No Siding	6.40	f 5.15	f 8.30	111.2		3.3 MOFUBA	2.2	f 8.55	f 5.55	7.40
61 WY	6.50PM	s 5.20PM	s 8.35AM	113.4	DR	2.2 **WALNUT GROVE**	0.0	8.45AM	5.45PM	7.30PM
	Arrive Tues. and Friday Only	Arrive Daily	Arrive Daily			(24.6)		Leave Daily	Leave Daily	Leave Tues and Friday Only
	(2.20) 10.54	(1.05) 22.70	(1.05) 22.70			....................Time over District.................... ....Average speed per hour....................		(1.15) 19.68	(1.15) 19.68	(2.00) 12.30

For Placerville Branch trains via R Street, see page 10.

Time at Walnut Grove applies at Station.

Telephone at Junction Switch R Street—Walnut Grove trains using main track from R Street to Sacramento passenger station will ask for instructions from Dispatcher regarding overdue passenger trains.

Westward trains are superior to trains of the same class in opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL. {All schedule trains at Pocket, Cronin, Mosher, Acacia, Rosebud and Walnut Grove Wharf.
Nos. 550 and 549, Cory and Moda.

SACRAMENTO YARD—INBOUND, VIA ELVAS.

Trains moving from Brighton to Elvas are Eastward, and Elvas to Sacramento Westward.

Time Table No. 102 April 20, 1916 STATIONS	Distance from Brighton	13 San Francisco Express Arrive Daily	23 Tonopah Express Arrive Daily	19 Pacific Limited Arrive Daily	1 Overland Limited Arrive Daily	210 The Newsboy Arrive Daily	47 El Dorado Arrive Daily	33 Sacramento Passenger Arrive Daily	256 Sunset Manifest Arrive Daily	254 Ogden Manifest Arrive Daily	288 Stockton Freight Arrive Daily	61 Sacramento Passenger Arrive Daily	9 Fast Mail Arrive Daily	122 Sacram'nto Passenger Arrive Daily	82 Sacram'nto Passenger Arrive Daily	265 Way Freight Ar. Tues. Thursday Saturday	286 Way Freight Arrive Daily Ex. Sunday	21 The Statesman Arrive Daily	32 Sac'to Express Arrive Daily	5 San Francisco Limited Arrive Daily	531 Sac'to **MOTOR** Arrive Daily	209 Mountain Express Arrive Daily	124 Sac'to Passenger Arrive Daily	29 Sac'to Passenger Arrive Daily	221 Portland Fast Freight Arrive Daily	192 Sac'to Passenger Arrive Daily	547 Sac'to **MOTOR** Arrive Daily
DNR **SAC.** PASS. STA. 1.0	6.0	3.15AM	4.10AM	5.50AM	6.40AM	7.15AM	8.05AM	9.25AM				10.40AM	11.00AM	11.20AM	12.45PM			3.00PM	3.10PM	3.50PM	5.05PM	6.15PM	6.20PM	6.30PM		9.40PM	11.10PM
12TH STREET 2.0	5.0															1.50PM	2.45PM								7.00PM		
ELVAS 3.0	3.0	3.05AM	4.00AM	5.40AM	6.30AM	7.05	7.55AM	9.15AM	9.00AM	9.30AM	10.05AM	10.30	10.50AM	11.10	12.35	1.35	2.35	2.50PM	3.00	3.40PM	4.55	6.05PM	6.10	6.20PM	6.45PM	9.30	11.00PM
DNR **BRIGHTON**	0.0					6.59AM			8.40AM	9.15AM	9.45AM	10.23AM		11.02AM	12.28PM	1.25PM	2.25PM		2.53PM		4.50PM		6.02PM			9.23PM	
(6.0)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Lv. Tues. Thursday Saturday	Leave Daily Ex Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily

Automatic Block — Double Track

SACRAMENTO YARD—OUTBOUND, VIA ELVAS.

Trains moving from Sacramento to Elvas are Eastward and Elvas to Brighton Westward.

Time Table No. 102 April 20, 1916 STATIONS	Distance from San Francisco	16 Oregon Express Leave Daily	257 Sunset Manifest Leave Daily	54 Sound Special Leave Daily	264 Way Freight LvMonday Wednesday Friday	222 Portland Fast Freight Leave Daily	191 Stockton Passenger Leave Daily	285 Way Freight Leave Daily Ex. Sunday	210 The Newsboy Leave Daily	548 Chico and Willows **MOTOR** Leave Daily	31 Stockton Express Leave Daily	22 The Statesman Leave Daily	24 Tonopah Express Leave Daily	20 Pacific Limited Leave Daily	37 Stockton Passenger Leave Daily	62 Placerville Passenger Leave Daily	253 Ogden Manifest Leave Daily	14 Portland Express Leave Daily	34 Colfax Passenger Leave Daily	121 Stockton Passenger Leave Daily	10 San Francisco Limited Leave Daily	530 Fair Oaks and Folsom **MOTOR** Leave Daily	2 Overland Limited Leave Daily	223 Tracy Freight Leave Daily	48 El Dorado Leave Daily	6 Atlantic Express Leave Daily
DNR **SAC.** PASS. STA. 1.0	88.8	12.25AM		3.20AM			7.00AM		7.25AM	8.20AM	10.15AM	11.30AM	12.50PM	1.45PM	2.10PM	2.50PM		4.10PM	4.15PM	4.50PM	5.25PM	5.30PM	7.15PM		8.20PM	10.55PM
12TH STREET 2.0	89.8				6.00AM	6.40AM		7.10AM																7.40PM		
ELVAS 3.0	91.8	12.35AM	1.00AM	3.30AM	6.10	6.55AM	7.10	7.20	7.35AM	8.30AM	10.25	11.40AM	1.00PM	1.55PM	2.20	3.00	3.25PM	4.20PM	4.25PM	5.00	5.35PM	5.40	7.25PM	7.50	8.30PM	11.05PM
DNR **BRIGHTON**	94.8		1.25AM		6.20AM		7.18AM	7.35AM			10.33AM				2.25PM	3.05PM	3.35PM			5.07PM		5.50PM		7.55PM		
(6.0)		Arrive Daily	Arrive Daily	Arrive Daily	Ar.Monday Wednesday Friday	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily

Automatic Block — Double Track

For trains running via R Street, see pages 10 and 12.

Eastward. FROM SAN FRANCISCO — TOWARD SAN FRANCISCO Westward.

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	FIRST CLASS 602 Passenger Leave Sunday Only	 600 Mixed Leave Daily Ex. Sunday	Distance from San Francisco	Time Table No. 102 April 20, 1916	STATIONS	Distance from Stirling City	SECOND CLASS 601 Mixed Arrive Daily Ex. Sunday	 603 Passenger Arrive Sunday Only
Yard YOW	7.00AM	7.30AM	184.2	DNR	**CHICO** 2.4	31.2	s 2.40PM	s 7.10PM
No Siding	f	f	186.6		**N. E. Crossing** 1.7	28.8	s	f
No Siding	f	f	188.3		BUTTE CREEK 4.3	27.1	f	f
18	f	f	192.6		CROUCH 4.0	22.8	s	f
No Siding	f	f	196.6		OAKDALE FARMS 1.6	18.8	f	f
21 W	s 7.47	s 8.35	198.2	D	PARADISE 4.0	17.2	s 1.27	s 6.25
6 Spur	f	f	202.2		OPTIMO 1.0	13.2	f	f
12	s 8.05	s 9.10	203.2	D	MAGALIA 3.0	12.2	s 12.53	s 6.00
3	s 8.15	s 9.30	206.2		APPLETON 3.8	9.2	s 12.35	s 5.44
10 Spur W	s 8.32	s 9.48	210.0		DOON 5.4	5.4	s 12.15PM	s 5.23
Yard Y	s 8.55AM	s 10.15AM	215.4	DR	**STIRLING CITY**	0.0	11.45AM	5.00PM
	Arrive Sunday Only	Arrive Daily Ex. Sunday			(31.2)		Leave Daily Ex. Sunday	Leave Sunday Only
	(1.55)	(2.45)			……………………Time over District……………………		(2.55)	(2.10)
	16.27	11.34			……………………Average speed per hour……………………		10.69	14.40

Westward trains are superior to trains of the same class in the opposite direction—See Rule 72.

Emergency water supply, Stirling City. For main line trains see pages 6 and 7.

ADDITIONAL STOPS ON SIGNAL: Trains Barber on Stirling City branch line in Chico yard.

SPECIAL RULES.

"SAFETY FIRST"

EXTRA TRAINS MAY PASS OR RUN AHEAD OF THIRD AND FOURTH CLASS TRAINS AND FOURTH CLASS TRAINS AHEAD OF THIRD CLASS TRAINS WITHOUT AN ORDER TO DO SO.

STANDARD CLOCKS.

Sacramento, Dispatcher's Office, Twelfth Street, and Roundhouse.
Roseville, Yard Office and Roundhouse.
Colfax.
Blue Canon.
Truckee.
Sparks.
Red Bluff.
Tehama.
Hamilton.
Willows.
Placerville.
Oroville.
Marysville.
Chico.

BULLETIN BOARDS.

Sacramento, Yard Office, Twelfth Street.
Roseville, Yard Office.
Colfax.
Blue Canon.
Truckee.
Sparks.
Red Bluff.
Chico.
Marysville.
Willows
Hamilton.
Tehama.
And all Roundhouses.

CLEARANCES.

1. Rule 83-A will not apply at initial stations which are not telegraph stations, nor at telegraph stations except when operator is on duty.

2. All trains will obtain Clearance Card (Form 2643) at Tehama, Chico, Marysville, Colfax, Blue Canon, Truckee, Stirling City and Folsom when operator is on duty.

3. Freight trains and light engines, originating Sacramento, Twelfth Street, via Elvas-Brighton, proceed to Brighton without obtaining clearance card. Freight trains and light engines between Roseville and Sacramento, and freight trains and light engines to and from Western Division will obtain their orders at Dispatcher's Office, Sacramento.

REGISTERING.

1. A train may register by ticket at a registering station which is not a regular stop if there is an operator on duty, but Rules 83 and D-83 must be complied with, unless prior register check shows that all superior trains due have arrived or left.

2. At registering stations on single track, or at the end of double track when passing from single to double track, where trains are permitted to register as per Rule 83-B, conductors and telegraphers, or telephone operators, must comply with Rule 96, the same as at non-registering stations.

3. Trains originating and terminating 12th Street Depot at Sacramento, also eastward freight trains from Western Division, will register at 12th Street, Sacramento.

Freight trains register Roseville yard office.

First and second class trains register by ticket at Roseville yard office.

TRAIN AND AIR INSPECTION.

1. **PASSENGER TRAINS.**—Rear end brake and air signal test must be made by trainmen at SUMMIT, BLUE CANON and PLACERVILLE; also at any other point where brake pipe has been separated. Test to be made just prior to leaving.

2. **FREIGHT TRAINS.**— Rear end brake test must be made by trainmen at SUMMIT, BLUE CANON and PLACERVILLE; also at any other point where brake pipe has been separated. Test to be made just prior to leaving.

3. **ALL TRAINS.**—Test to be made as follows: Engineers make a reduction from brake valve then sound one blast of the steam whistle, of sufficient length and volume only to reach the rear of the train, will be notice to trainmen that enginemen are ready for air brake test to be made.

Trainmen will then make a service reduction of brake pipe pressure, from the last car, of not less than twenty pounds. Engineer on the lead engine will, with brake valve on lap, watch for fall of pressure on air gauge to indicate that air has been applied; after which brakes will be released in the usual manner.

When the air brake test is made, the release of the brakes will answer.

When the signal test is made; two short blasts of steam whistle will be the answer.

Signal test must be made just after the air brake test.

4. ON PASSENGER TRAINS, when a stop is made, and not before, trainmen will turn down retainers, one man working from head end, and another from the rear, until they meet; then immediately turning them up on return movement.

Engineer will release the train brakes as soon as stop is made.

When all retainers have been turned down, rear brakeman will notify the engineer by one blast of the signal whistle.

5. All available retainers on passenger and freight trains will be used as follows:

Eastward trains, Summit to Truckee.
Westward trains, { Summit to Wirt.
New England Mills to Loomis.
Stirling City to Butte Creek.

6. No freight train must make a continuous run of over thirty (30) miles without making a stop of not less than 5 minutes to make a careful examination of all cars.

7. Freight trains descending the grade will make a stop of ten minutes at the following stations, where trainmen will make a careful inspection of all cars and permit wheels to cool:

Floriston.
Andover.
Summit.
Spruce.
Crystal Lake.
Blue Canon.
Towle.
Colfax.
Flint.
Latrobe.

8. All freight trains descending grade between Summit and Truckee, will stop at Lake View and pull out slowly to permit inspection of wheels and running gear.

9. Westward mixed trains stop 5 minutes at Doon, 10 minutes at Paradise and Crouch for inspection and cooling wheels. Passenger trains stop at Paradise 5 minutes to cool wheels.

10. Retainers on cars set out in territory where they are used, must be turned down by incoming crew. This does not relieve outgoing crews from ascertaining that retainers are in proper position.

11. Conductors will report to Superintendent by wire any failure to properly control train by air brake, and will hand to car inspector at first terminal list showing tonnage of each car in train. Car Inspector will add to list the piston travel of each car in train, as shown by test made before road engine is cut off; also result of three-minute test of all retainers. The list then to be forwarded to Superintendent by mail.

12. Whenever a train handles badly on a descending grade, the conductor will wire the car repairers at the terminal, stating the trouble as near as he can, in order to give carmen a chance to investigate on arrival of the train.

USE OF "19" FORM TRAIN ORDER FOR RESTRICTING TRAINS WITHIN AUTOMATIC BLOCK SIGNAL LIMITS.

Within automatic block signal limits, the note under Rule 211 is modified as follows:

Form "19" train order may be issued to restrict the superiority of a train, except that Form "31" must be used:

(1) When orders are delivered at a non-telegraph or closed telegraph station. (See Rule 217.)
(2) When necessary to restrict a train which has been cleared or the engine of which has passed train order signal. (See Rule 219.)
(3) When issuing an order Form "G," Example 3.
(4) When giving a train right over all trains.
(5) When reducing a time order where necessary that dispatcher have signature of superior trains before completing order to an inferior train.

Operator will fill out clearance, designating thereon numbers of orders, repeat to dispatcher train and order numbers as they appear on clearance and obtain O. K. with time and Superintendent's initials, writing same before delivery in blank space where time is shown. Operator will retain carbon copy of clearance. This paragraph applies to territory outside of block signal limits also.

Dispatcher must write train and order numbers in his train order book as transmitted by operator from clearance, and must designate time clearance was made O. K., not transmitting O. K. unless operator repeats numbers of all orders to be delivered to the train to which clearance is addressed.

When a "19" order restricting superiority is issued at a station where superiority is restricted, train must be stopped by operator before delivery of order.

Conductor's and engineer's attention is called to the importance of approaching at a moderate rate of speed, telegraph offices where orders are to be received. Also to the necessity of carefully checking clearance to ascertain positively that clearance is properly addressed and that orders received are those called for by clearance.

AUTOMATIC SIGNALS.

1. **On SINGLE TRACK, within Automatic Block System limits, last portion of Rule 86 will not apply.**

On single track trains stopped by automatic block signals will be governed by Rule 504. Wait five (5) minutes before proceeding in manner instructed by Rule 504.

2. **On DOUBLE TRACK trains must come to a stop, and then may proceed under control, not exceeding six (6) miles per hour, to next signal, flagman being invariably sent ahead in stormy or foggy weather.**

3. **When using cross-overs, trainmen must comply with Rule 99, on both tracks, and after switches are thrown wait five (5) minutes before moving through cross-over. This regulation does not apply within limits yards.**

4. On track No. 1 between Newcastle and Loomis, automatic block signal rules governing trains on single track will apply.

5. When trains are stopped by automatic block signals No. 1158 west of Lincoln, No. 1173 east of Lincoln, No. 1280 west of Wheatland or No. 1291 east of Wheatland, stop, then proceed under control not exceeding six miles per hour to signal governing opposite direction.

6. Distant signals only are operated at Andora, Whitney, Ewing, Sheridan, Ostrom, Marysville and Yuba City; these signals indicate caution position when switch is open or train occupies main track between signal and switch, or when train on siding is not into clear.

7. When signal 889 and 901, in Sacramento yard, indicates "stop," trains will not proceed until signal has changed to "proceed" or until hand signals are given by switchtender. In foggy or stormy weather, flagman must be sent in advance of train when signal indicates "stop."

8. Three-arm automatic block signal on eastward track at junction switch, Rocklin, governs the movement of eastward trains. The upper home and distant signal govern the use of eastward track No. 2. The lower home signal will clear only when track No. 4 is clear and switch lined up for movement to Loomis on track No. 4.

9. Home disc signals on semaphore poles east and west end Gold Run, controlled by operator, will govern movement of eastward and westward trains as follows:

When showing red disc or red light, "Take siding." When showing white disc or green light, "Hold main track."

10. Double arm semaphore signal 1664, located 100 feet west of junction switch Blue Canon. Upon receipt of hand signal from switchtender, with top arm in proceed position, train will have the right on main track to staff crane. Upon receipt of hand signal from switchtender, with lower arm at proceed, trains will take siding. Siding will be used as an eastward siding. Westward trains protecting against eastward trains on this track.

11. Disc signal located on bridge of overhead signals East End of Truckee yard to govern westward trains.

Normal indication White disc or white light.

If disc shows blue or a blue light it indicates Call Operator on phone before pulling into yard.

12. Brighton Switch located 150 feet east of railroad crossing at Brighton, on Placerville Branch, will be lined for movement via Elvas. The upper arm of signal 947 governs movement to Elvas. The lower arm governs movement to R Street.

STAFF RULES.

1. Two disc signals, home (top) pertaining to the occupancy of the main track, and distant (lower) pertaining to the staff for the next block, are placed on one post at each end of siding at staff stations.

2. If the home signal shows red disc and red light indicating "stop," and the distant signal shows yellow disc and yellow light indicating "caution," train must stop and take siding. When doing so, train must be under control and staff retained, as per Rules 429, 453 and 465.

If distant signal indicates caution, and the home signal shows white disc and green light indicating proceed, train will proceed cautiously on the main track prepared to stop at staff crane located at staff office.

If both signals show white disc or green lights indicating "proceed," train will proceed on main track expecting to receive staff which is authority to move into next block.

3. When receiving staff, as per Rule 452, the engineman must ascertain if it is the proper one for the block which he is entering by removing staff from the pouch and reading the station names stamped upon it.

4. At a distance of approximately fifteen hundred feet from extreme switches at each staff station a distant signal (disc) is located, which is used in connection with the home signal, and the extreme switches to regulate the approach thereto.

5. At staff stations between Blue Canon and Champion, inclusive, the initial switch at each end of siding is connected with the staff disc signals, approaching it, so as to give stop indication when switch is not properly lined up.

6. The Train Staff system is in operation between Truckee and Blue Canon. All stations with sidings within these limits are train staff stations. Should view be obstructed by reason of snow, fog, etc., and engineer is doubtful as to location, he must stop, and if necessary send flagman ahead to note position of signals.

7. Helper engines of eastward trains cutting out at Tunnel 6, at Summit, must obtain a helper staff at Summit office, which will permit them to return on main track from Tunnel 6 to east end of west siding at Summit, regardless of all trains except the one they are helping.

8. The regular train staff will govern train movement.

9. The helper staff is authority for westward movement of helper engines only from Tunnel 6 to Summit, and must be delivered to operator at Summit promptly after helper has arrived and cleared the main track.

If more than one helper cuts out at Tunnel 6, they will couple and return with the helper staff.

10. Extra and regular trains not in sections may run between any point within staff limit without running orders upon receipt of clearance card and all orders designated thereon.

11. Westward trains will approach staff crane at Soda Springs and Fulda under control, prepared to stop regardless of staff indications.

SPEED TABLE.

Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in	
	Min.	Sec.		Min.	Sec.		Min.	Sec.		Min.	Sec.
6	10	......	21	2	51	31	1	56	41	1	27
8	7	30	22	2	43	32	1	52	42	1	25
10	6	......	23	2	36	33	1	49	43	1	23
12	5	......	24	2	30	34	1	45	44	1	21
15	4	......	25	2	24	35	1	42	45	1	20
16	3	45	26	2	18	36	1	40	46	1	18
17	3	31	27	2	13	37	1	37	47	1	16
18	3	20	28	2	8	38	1	34	48	1	15
19	3	9	29	2	4	39	1	33	49	1	13
20	3	......	30	2	......	40	1	30	50	1	12

SPECIAL RULES--Continued.

MAXIMUM SPEED FOR WHICH LOCOMOTIVES ARE COUNTERBALANCED.

All locomotives, with the following exceptions, are counterbalanced for a speed in miles per hour equal to the number of inches in diameter of driving wheels:

Class of Locomotive	Engine Numbers	Maximum Speed in Miles per Hour	Maximum Wheel Pressure
MM-63 25-38/28 320	4200 to 4211	40	
A-84 15-25/28 110	3000 to 3009	77	48375 lbs.
A-79 15-25/28 102	3016 to 3024	67	46445 "
A-81 20-28 105	3025 to 3071	77	46380 "
T-69 21-28 149	2284, 2285, 2287 to 2289, 2292, 2293, 2295, 2296, 2298, 2299	60	44330 "
T-69 15½-26/28 142	2291, 2294, 2297	62	41526 "
T-63 18/30 78	2187, 2190, 2194, 2195, 2199, 2200, 2203 to 2206	52	22750 "
M-63 21/28 155	1720, 1721, 1724, 1770, 1771, 1773 to 1777, 1779	58	45190 "
M-63 21/28 144	1727 to 1729, 1731, 1734, 1736 to 1738, 1741, 1743, 1745, 1746, 1748, 1750 to 1753, 1755, 1757, 1759 to 1761, 1763, 1764, 1767 to 1769, 1782, 1784, 1785, 1787, 1788, 1790 to 1792, 1794 to 1797, 1799	53	42860 "
M-63 15/26-28 144	1730, 1733, 1786, 1793, 1798, 1802	56	42000 "
E-69 18/24 69	1383, 1386, 1387, 1389, 1392, 1393, 1396, 1397	55	30190 "
E-73 18/24 63	1430 and 1432	61	27570 "
MC-57 26-40/30 394	4000 to 4016	53	43050 "
MC-57 26-40/30 398	4017 to 4028	53	43050 "
MC-57 26-40/30 401-S	4029 to 4043	53	43500 "
MC-57 26-40/30 395-S	4044 to 4048	53	43500 "
C-57 22/30 180	2625, 2626, 2628 to 2642, 2644 to 2651, 2653 to 2655, 2657, 2659 to 2662, 2664 to 2672, 2674, 2675, 2677, 2679	52	39650 "

Note.—Maximum speed in miles per hour is based on vertical disturbing force of counterbalance not exceeding 75 per cent of static wheel load, and maximum wheel pressures shown obtain at speeds indicated.

The above table for information of engineers and must in no way conflict with rules governing speed of trains.

SPEED RESTRICTIONS.

1. Maximum speed of any train at any point must not exceed 50 miles per hour.

2. All trains with Mallet engines will reduce speed to 8 miles per hour and trains with other class of engines to 15 miles per hour when using cross-overs, turnouts and on sidings, and be under control through interlocking plants.

Between Loomis and Lawton.

3. Freight trains must not exceed 20 miles per hour on curves and 25 miles per hour elsewhere.

Other trains with Mallet Mogul engines, 4200 class, and Mikado engines, must not exceed 28 miles per hour on curves, between Loomis and Truckee and 30 miles per hour on curves between Truckee and Lawton.

Other trains with Mallet consolidated 4000 class engines, 20 miles per hour on curves and 25 miles per hour elsewhere.

Other trains with other than 4000 and 4200 class engines, 28 miles per hour on curves of six degrees or over.

All Other Parts of the Division.

4. Trains must not exceed 30 miles per hour on ten degree curves.

5. Mallet Mogul engines 4200 to 4211, inclusive, consolidated engines, also Mikado engines, must not exceed speed limit of 40 miles per hour on any portion of division.

6. Engines 2900 to 2913, inclusive, 12 miles per hour Folsom and Shingle Springs.

7. Eastward trains must not exceed a speed of 10 miles per hour between west switch and yard office at Sparks.

8. All trains reduce speed to 15 miles per hour over bridges, First and Fourth Crossing, Truckee River on eastward track, and over Long Ravine bridge east of Colfax on westward track and 20 miles per hour on eastward track.

9. Trains and yard engines not exceed 6 miles per hour over crossing just east of Sacramento River Bridge, and over Lincoln Street Crossing Roseville.

10. Trains must not exceed speed of 25 miles per hour over Feather River Bridge east of Binney Junction. This includes approaches as well as trestle on the curve just east of Feather River.

11. Reduce speed to 12 miles per hour over long trestle east of Knights Landing.

12. Engines backing up will not exceed a speed of twenty miles per hour. This does not include Mallet engines.

13. Motor cars backing up must not at any time exceed the speed of 20 miles an hour, and not exceed 10 miles an hour when backing up through yard limits and over highway crossings.

14. Trains must not exceed 30 miles an hour from Mile Post 166 to Nelson.

15. Mixed trains will not exceed 15 miles per hour and passenger trains 18 miles per hour between Mile Post 6 and Stirling City; except that between Doon and Mile Post 22, westward mixed trains must not exceed 12 miles per hour.

16. On portions of the division not covered by special rules, freight trains must not exceed a speed of 35 miles per hour.

17.

	Passenger Trains with Passenger Engines	Freight
Willows and Fruto	20	15
Folsom-Placerville	25	15
Woodland and Marysville	30	20
Marysville and Oroville	35	25
Truckee and Lawton	40	25
Truckee and Loomis	35	20
Walnut Grove and Hamilton Branches	30	20
Orland (between outside switches)	20	12
Corning (between outside switches)	15	12

Miles per Hour

18. Speed of trains regulated by ordinance through city limits:

Wheatland, Gridley, Lincoln, Rocklin, Sacramento, Willows, 15 miles per hour.

YARDS ARE ESTABLISHED AT THE FOLLOWING STATIONS:

SACRAMENTO.—Extend from 1,000 feet east of Benali to a point 4,000 feet west of Sacramento River Bridge, to a point 1,000 feet west of west switch at Brighton on Stockton Line via Elvas, to a point 1,000 feet east of east switch at Brighton on Placerville line via Homestead, to a point 18,673 feet east of Junction switch, R Street, on Walnut Grove Line.

FOLSOM.—Extend to a point 1,000 feet west of west switch at Natoma to switch connecting to track to State Prison at Folsom and 1,000 feet east of Nagle Spur on Placerville Line.

WOODLAND.—Extend to a point 1,000 feet west of Mill Spur to a point 1,000 feet north of switch at Junction to Oroville and Willows Line.

ORLAND.—Extend to a point 1,000 feet west of the switch at Alfalfa Spur, through Wyo and to a point 1,000 feet east of east switch at Wyo, and to a point 1,000 feet east of east switch on Hamilton Branch.

WILLOWS.—Extend to a point 1,054 feet west of the west switch corral track to a point 1,000 feet east of the east switch to a point 1,000 feet east of the east switch of wye on Fruto Branch.

CHICO.—Extend from a point 1,000 feet west of the west switch to a point 3,000 feet east of the east switch at Chico, to a point 1,000 feet east of east switch on Stirling City Branch.

MARYSVILLE.—Extend to 1,000 feet west Rupert Spur to a point 1,000 feet east of Western Pacific crossing at Binney Junction, to a point 1.7 miles east of Binney Junction Switch on Oroville Branch, to a point 1,000 feet west of west switch of Cannery Track at Yuba City. This includes E and A Street cut-off.

ROSEVILLE.—Extend to a point 3,000 feet west of west switch to a point 1,000 feet north of Andora switch on Red Bluff Line, to a point 1,000 feet east of east switch at Rocklin, on track 4 and to a point 1,000 feet east of cross-over on tracks 1 and 2.

COLFAX.—Extend to a point 2,000 feet west of west switch and to a point 2,000 feet east of east switch.

TRUCKEE.—Extend to a point 3,000 feet west of station and to a point 7,500 feet east of station.

RENO.—Extend from a point one and one-half miles west of Reno to Sparks Yard.

RED BLUFF.—(Shasta Div.) Extends 1,000 feet west of west Switch at Rawson.

Rules 93 and D-93 are revised as follow:

"Within yard limits the main track may be used, protecting against first-class trains.

ALL TRAINS MUST APPROACH YARD LIMITS AND PASS THROUGH YARDS UNDER CONTROL."

LIST OF SURGEONS.

NAME	LOCATION	DISTRICT
Dr. F. K. Ainsworth, Chief Surgeon	San Francisco	
Dr. G. A. White, Consulting Surgeon	Sacramento	Special Service.
Dr. A. M. Henderson, Division Surgeon	Sacramento	Sacramento Division.
Dr. G. L. Stevenson, District Surgeon	Sacramento	Between Sacramento, Roseville and Fair Oaks Junction.
Dr. W. E. Briggs, Oculist and Aurist	Sacramento	
Dr. B. Woodbridge, District Surgeon	Roseville	Between Antelope, Whitney and Rocklin.
Dr. J. S. Wheeler, Asst. District Surgeon	Roseville	Between Antelope and Rocklin.
Dr. H. D. Fletcher, District Surgeon	Rocklin	Between Roseville and Loomis.
Dr. O. L. Barton, District Surgeon	Loomis	Between Rocklin and Penryn.
Dr. R. E. Allen, District Surgeon	Newcastle	Between Penryn and Auburn.
Dr. B. F. Howard, Emergency Surgeon	Alta	
Dr. G. H. Fay, District Surgeon	Auburn	Between Newcastle and N. E. Mills.
Dr. Henry T. Rooney, District Surgeon	Colfax	Between N. E. Mills and Gold Run.
Dr. L. B. Barnes, District Surgeon	Dutch Flat	Between Gold Run and Cisco.
Dr. J. H. Bernard, District Surgeon	Truckee	Between Cisco and Boca.
Dr. Wm. F. Jordan, District Surgeon	Floriston	Between Boca and Calvada.
Dr. W. S. Wilcox, District Surgeon	Verdi	Between Floriston and Reno.
Dr. W. H. Hood, District Surgeon	Reno	Between Floriston and Sparks.
Dr. S. K. Morrison, Asst. District Surgeon	Reno	
Dr. H. A. Brown, Oculist	Reno	
Dr. O. C. Hyde, District Surgeon	Lincoln	Between Whitney and Sheridan.
Dr. A. D. Ellsworth, District Surgeon	Wheatland	Between Sheridan and Ostrom.
Dr. David Powell, District Surgeon	Marysville	Between Ostrom, Live Oak, Honcut and Chandler.
Dr. I. V. Higgins, Emergency Surgeon	Live Oak	
Dr. L. L. Thompson, District Surgeon	Gridley	Between Live Oak and Nelson.
Dr. O. C. Hawkins, Emergency Surgeon	Biggs	
Dr. M. M. Cook, Emergency Surgeon	Durham	
Dr. O. Stansbury, District Surgeon	Chico	Between Nelson and Vina.
Dr. J. H. Belyea, District Surgeon	Los Molinos	Between Proberta, Vina and Richfield.
Dr. Walker Gavey, District Surgeon	Red Bluff	Between Proberta and Red Bluff.
Dr. W. E. Bates, District Surgeon	Davis	Between Davis and Merritt.
Dr. H. D. Lawhead, District Surgeon	Woodland	Between Merritt, Chandler and Dunnigan.
Dr. W. T. Jamison, Surgeon	Arbuckle	
Dr. A. W. Kimball, Emergency Surgeon	Williams	
Dr. C. O. Poage, Emergency Surgeon	Colusa	
Dr. G. W. Desrosier, Emergency Surgeon	Maxwell	
Dr. C. W. Lund, District Surgeon	Willows	Between Colusa Junction, Germantown and Fruto.
Dr. S. Iglick, District Surgeon	Orland	Between Germantown and Kirkwood.
Dr. M. P. Stansburg, Emergency Surgeon	Hamilton	
Dr. W. F. Maggard, District Surgeon	Corning	Between Kirkwood and Richfield.
Dr. T. W. Horton, Emergency Surgeon	Honcut	
Dr. T. B. Reardan, District Surgeon	Oroville	Between Honcut and Oroville.
Dr. T. E. Farmer, District Surgeon	Folsom	Between Fair Oaks and Latrobe.
Dr. W. A. Reckers, District Surgeon	Placerville	Between Latrobe and Placerville.

NOTE.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon. Emergency Hospitals located at Truckee, Sparks and Sacramento.

SPECIAL RULES—Continued.

LOCATION OF OVERHEAD STRUCTURES.

Mile Post	East of	Description	Mile Post	East of	Description
132.6	Clipper Gap	Tunnel 0	133.3	Clipper Gap	Tunnel 26
165.5	Forebay	Tunnel 1	133.8	Clipper Gap	Tunnel 27
172.5	Emigrant Gap	Tunnel 2	134.8	Applegate	Tunnel 28
180.7	Cisco	Tunnel 3	136.	Applegate	Tunnel 29
181.	Cisco	Tunnel 4	138.7	New England Mills	Tunnel 30
193.7	Summit	Tunnel 6	139.2	New England Mills	Tunnel 31
194.1	Summit	Tunnel 7	139.5	New England Mills	Tunnel 32
194.3	Summit	Tunnel 8	145.3	Wirt	Tunnel 33
194.9	Summit	Tunnel 9	145.7	Wirt	Tunnel 34
195.1	Summit	Tunnel 10			
195.4	Summit	Tunnel 11			
195.7	Summit	Tunnel 12	139.2	Shingle Springs	Shingle Springs Tunnel, Placerville Branch.
200.1	Eder	Tunnel 13			
114.2	Rocklin	Tunnel 15			
114.7	Rocklin	Tunnel 16			
117.3	Lincoln Ave., Penryn	Tunnel 17			
120.5	Lincoln Ave., Penryn	Tunnel 18			
122.7	Newcastle	Tunnel 19		SNOW SHEDS	
123.2	Newcastle	Tunnel 20			
124.7	Auburn	Tunnel 21	166.8 to 206.2	Blue Canon Champion	Snow Sheds.
131.2	Auburn	Tunnel 22			
132.7	Clipper Gap	Tunnel 23			
132.9	Clipper Gap	Tunnel 24			
131.1	Clipper Gap	Tunnel 25			

AVERAGE WEIGHT OF PASSENGER TRAIN CARS

KIND OF CAR	AVERAGE WTS.—POUNDS		
	Wood	Steel	Steel Underframe
Baggage	79,000	90,000	....
" (Dynamo)	....	105,000	....
Baggage and Mail	77,000	121,000–69ft. 90,000–60ft.	93,000
Baggage and Passenger	61,000	....	....
Buffet	....	130,000	122,000
" (Dynamo)	....	146,000	....
Business	107,000	178,000	135,000
Chair	86,000	98,000	....
Coaches	80,000	95,000	....
Dining	128,000	147,000	135,000
Horse Express	81,000	....	....
Observation	122,000	145,000	131,000
Postal	....	110,000–60ft. 77,000–40ft.	....
Pullman Parlor	115,000	146,000	....
" Observation	124,500	151,000	127,000
" Std. Sleepers	125,000	153,000	145,000
" Tourist Sleepers	94,000	....	133,000
Tea and Silk	48,000	....	....

INTERLOCKING PLANTS.

In setting out or picking up cars or doing any necessary switching in limits of interlocking plants, cars must not be cut from forward portion of train until they have been brought to a stop.

SACRAMENTO RIVER BRIDGE.—The home signal at the west end of bridge governing movement of eastward trains will stand normal position at stop and will be cleared on approach of eastward trains when circuit is clear. The home signal on the east end of bridge will stand normal position proceed. This interlocking plant is for protection of drawbridge and not for railroad crossing which is located at the east end of bridge.

SNOD GRASS SLOUGH.—Draw-bridge located approximately two (2) miles west of Walnut Grove, on Walnut Grove Branch, interlocked.

Interlocking signals operating in connection with this draw-bridge, located about five hundred (500) feet each side of draw-bridge, governing approach thereto.

When these signals are at STOP, trains must not move over draw-bridge, until flagman has proceeded the train and ascertained that bridge is closed and track safe, between these two signals.

ELVAS.—The home signals at the approaches do not in all cases govern through entire interlocking limits, as each home signal in the proceed position only entitles train to move to the next home signal, which may be reached before passing out of interlocking limits. Dwarf signals or short blades on three-arm signals are provided for each route not governed by a home signal and govern only to the next home or dwarf signal in advance.

Trains from Sacramento to Brighton will be governed by lower and trains from Sacramento to Roseville by upper signal. From Roseville to Sacramento by upper, and from Roseville to Brighton by lower signal. From Brighton to Sacramento by upper, and from Brighton to Roseville by lower signal.

Last paragraph Rule 630 is amended permitting towerman at Elvas to give signals from tower instead of ground.

All signals, switches and derails operated from tower. Whistle signal governing different routes as follows:

To Roseville, one long and one short, ——— o.

To Sacramento, two long and one short, ——— ——— o.

To Brighton, two long and three short, ——— ——— o o o.

To siding, three short and two long, o o o ——— ———.

To third track, one long, one short, one long, ——— o ———.

To spur, one short, one long, o ———.

NINETEENTH STREET, SACRAMENTO.—At crossing of R Street track with Western Pacific, all derails on approaches to the crossing and switches leading to transfer track and to industry track are operated from the tower. The top arm of the signals located one hundred (100) feet from the main track derails govern the use of main track.

The lower arm of the high signals governs the use of the transfer and industry tracks.

Trains wishing to use industry or transfer tracks will sound one long, one short and one long (——— o ———) blasts of the whistle.

HOMESTEAD.—At crossing of "R" Street line with Northern Electric Railroad. Derails and approaches to the crossing and switches leading to stock corral spur and east end of Pacific Gas & Electric Company siding, are operated from the tower.

Upper arm of the high signals located one hundred (100) feet from main track derails governs the main track.

Lower arms of high signals govern entrance to industry tracks.

Trains wishing to use either industry track will sound one long, one short and one long (——— o ———) blasts of whistle.

NINTH STREET TOWER, MARYSVILLE.—Crossing Western Pacific and Woodland-Oroville Branch. Eastward and westward trains will be governed by respective signals, located 450 feet from crossing.

BINNEY JUNCTION TOWER.—Junction with Oroville Branch and crossing Western Pacific Ry. Whistle signals governing routes:

Main Track to or from Red Bluff—one long, one short: ——— o.

Main Track to or from Oroville Branch—two long, one short: ——— ——— o.

Siding to or from Red Bluff—one short, one long: o ———.

Siding to or from Oroville Branch—three long, one short: ——— ——— ——— o.

Siding to or from west leg of wye—three short, two long: o o o ——— ———.

Main Track to or from west leg of wye—two long, three short: ——— ——— o o o.

Main Track to or from east leg of wye—one long, one short, one long: ——— o ———.

To Oil Spur—one short, two long: o ——— ———.

LIVE OAK TOWER.—Crossing with Northern Electric Company, located one-half mile east of Live Oak. Eastward and westward trains will be governed by respective signals, located 450 feet from crossing. Eastward trains, when standing on main track to meet opposing trains at Live Oak, will stop west of east house track switch to avoid holding tower signal against opposing trains.

WOODLAND.—All derails on approaches to crossing of Sacramento-Woodland Electric Railway, and switches leading from main track to house track and siding and switch from siding to Knights Landing line, controlled by this tower. Top arm on high signal, located 50 feet from derail, governs use of main track; lower arm on westward high signal governs entrance to siding or house track. Dwarf signals govern other movements.

The following whistle signals will be used:

TEHAMA to or from siding—one long, one short: ——— o.

TEHAMA to or from house track—two long, one short: ——— ——— o.

KNIGHTS LANDING to or from siding—one long, one short, one long: ——— o ———.

Trains that are to hold main track will use the standard four short blasts of the whistle, calling for signals.

Account of view of home signal being limited in distance, trains will approach this signal under control.

MISCELLANEOUS.

Rule No. 1—Tracks between Sacramento and Blue Canon numbered as follows:

Track No. 1, Westward main track via Auburn.

Track No. 2, Eastward main track via Nevada Street, Auburn.

Track No. 4, between Rocklin and Loomis; diverges from track No. 2 at Rocklin and runs on south side of track No. 1, one-half mile east of Rocklin, to Loomis, connecting with No. 1 track at Loomis.

Unless otherwise instructed eastward freight trains will move Newcastle to Colfax regardless of Nos. 210, 24 and 34.

2. On double track, extras may run with current of traffic between any stations without running orders, but must obtain clearance (Form 2643) when leaving initial station.

All trains between Elvas and Sacramento and between Elvas and Brighton, second class trains between Sacramento and Roseville, and eastward trains via Elvas from Stockton Division will move irrespective of time-table superiority when moving with current of traffic.

3. Between Colfax and Blue Canon trains will move with current of traffic irrespective of superiority, but must obtain clearance at Blue Canon and Colfax.

Normal position main track switch at Truckee will be set for eastward trains.

4. Trains and yard engines after coming to a stop for crossing with Sacramento-Woodland Railroad at Front and M Streets, Sacramento, will proceed only on signal from flagman, and not pass the switchtender's station at Fourth, Sixth, Fifteenth streets and east end Sacramento River Bridge without receiving a signal to proceed.

Southern Pacific trains will approach Western Pacific crossing at Front and R Streets, Sacramento, under control, expecting to find crossing occupied.

Southern Pacific yard engines will stop at this crossing and ascertain that it is clear before proceeding. Both Southern Pacific and Western Pacific trains and yard engines must ascertain that all switch and industry track crossings in the vicinity of Front and R streets, Sacramento, are clear before using.

5. Trains will stop within two hundred (200) feet of Northern Electric crossing at Yuba City, Front and R streets Sacramento, and on Stirling City Branch and Knights Landing drawbridges before crossing.

6. The tonnage of Freight train between Summit and Loomis must not exceed 100 M's per operative brake and between Summit and Truckee 110 M's per operative brake. Between Stirling City and Butte Creek 80 M's per operative brake. See Rule 58 of Rules and Regulations governing air brakes.

7. Trains taking siding for other trains at the following named stations will use the siding indicated:

At Colfax westward trains will use siding number one (1) north of westward main track. Eastward trains will use siding number three (3) south of eastward main track.

8. Helper engines coupled in middle or rear of train must be cut off from the forward portion of train before taking water.

Between Sacramento and Red Bluff engines must be cut off of all freight trains of twenty cars or more before taking water.

9. At meeting point, if the train which is to hold the main track arrives first, brakeman of this train will open the switch for the opposing train to take siding. This will necessitate trains approaching meeting points under control so as not to enter siding at a too high rate of speed.

10. Markers must be kept burning between Blue Canon and Truckee and on No. 2 track between Rocklin and Colfax at all hours. Trainmen in this district must turn markers in daylight as well as at night, as per Rule 19, Book of Rules.

11. Train must not stand on drawbridges at Knights Landing and Sacramento.

12. When trains are about to take siding, the forward brakeman, after opening and securing the switch, will remain with or ahead of the engine to render what service may be necessary, and the rear brakeman will close the switch. When there is not a clear view, the forward brakeman (or the fireman, in case of a light engine) must go ahead of the engine and see that switches and derailers are properly set, and protect against trains or cars that may be on the siding.

13. Between Emigrant Gap and Andover the snowshed posts on each side of the track are numbered for a distance on either side of sidings showing number of car lengths from the switch. This is a guide to the engineer in locating switch in pulling out of siding.

14. Enginemen must not dump carbide from gas generator within snowshed district.

15. Employes are not allowed to ride on pilot of engines except yard and Mallet engines.

16. When one torpedo is exploded train will come to a stop as per Rule 15, If no person is on hand to explain the placing of torpedo, train may proceed as hereinafter provided:

(a) If view is obscured in any manner, flagman must be sent ahead for a distance of at least one-half mile.

(b) If track is seen to be clear or within automatic block limits, if signal indicates "Proceed," train may proceed, but will run under control for a distance of one-half mile, before resuming full speed.

17. On double track lines, when a train finds a fusee burning red, train must be brought to a stop and may then proceed cautiously, not exceeding six (6) miles per hour, to the obstruction, or until clear signal is reached, or until track is known to be clear.

18. Trains from Knights Landing branch at Woodland will use siding to depot or comply with Rule 83 before entering main track. Switches this siding set to lead from Oroville branch Trains from Oroville use siding Binney Junction to Marysville.

19. Long siding Harrington will be used as follows: West end west of cross-over as westward siding; east end east of cross-over, eastward siding. Junction switch of Colusa & Hamilton Railroad connects about midway with eastward siding.

20. When trains have outfit cars moving over the mountain, helper engine will go through to Lake View and cut out, instead of cutting out at Summit, in order to avoid shoving against outfit cars at Summit.

RATING OF LOCOMOTIVES—SACRAMENTO DIVISION—In M's of 1000 back of tender.

Corrected to September 5, 1915.

CLASS	ENGINE NUMBER	Boiler Pressure	Sacramento and Red Bluff via Roseville	Roseville to Colfax	Colfax to Sparks Roseville to Colfax	Sparks to Truckee	Truckee to Summit	Davis and Red Bluff and Davis and Marysville	Placerville to Folsom	Folsom to Placerville	Folsom to Sacramento	Sacramento to Folsom
			EAST and WEST	Via Eastward Track	Via Westward Track			EAST and WEST				
E—69 18/24 65	1382, 1384, 1388 1391 1394, 1398 and 1399	160	2305	...	...	...	...	2000	675	390	2285	1465
E—69 18/28 73	1459 to 1463	165	2620	...	...	...	...	2140	...	...	...	...
M—63 20/26 126	1615 to 1719	190	4310	...	...	...	...	3415	...	...	...	...
M—63 20/28 147	1802 to 1804, 1810 to 1813, 1816 to 1818	200	4475	...	...	...	...	3520	...	...	...	...
M—63 21/28 147	1720, 1724, 1770 to 1779	200	5020	...	...	...	...	3960	...	...	...	...
M—63 21/28 144	1725, 1726, 1729, 1742, 1762, 1799 to 1801 and 1803	195	4890	...	...	...	...	3960	...	...	...	...
M—63 21/28 147	1808, 1809, 1811, 1814, 1815, 1819 to 1822	200	5020	...	...	...	...	3960	...	...	...	...
M—63 15½/26/28 144	1793, 1802	200	4790	...	...	...	...	3745	...	...	...	...
T—57 18/24 86	2114 to 2153	160	2805	...	...	...	...	2245	815	500	2555	1640
T—57 18/24 83	2154 to 2173	160										
T—57 18/24 87	2174 to 2183	160										
T—57 18/24 88	2184 to 2186	160										
T—57 18/24 94	2001	160										
T—63 18/24 78	2187, 2190	145	2750	...	...	...	...	2130	795	505	2385	1520
T—63 20/26 112	2235 to 2273	180	3860	1030	555	1575	675	3080	1135	710	3505	2260
T—63 22/28 160	2311 to 2342	200	5490	1490	815	2215	950	4340	...	...	...	...
C—51 19/30 96	2511 to 2599	200	5980	1660	920	2420	1070	4675	...	...	...	...
C—57 22/30 187	2752 to 2830	200										
C—57 22/30 187	2513 to 2599 and 2752 to 2830	200	...	1660	920	2420	1070	4675	...	...	...	...
C—57 22/30 184	2694 to 2751	200										
C—57 22/30 180	2624 to 2679	200	...	1660	920	2420	1070	4675	...	...	...	...
C—57 22/30 178	2680 to 2693	200										
TW—55 22/26 147	2900 to 2913	180	5150	...	...	...	...	4105	1550	1010	4520	2765
TW—57 20/30 120	2925, 2928, 2930 and 2931	160	3840	...	...	...	...	3060	1140	740	3020	1990
TW—57 20/30 114	2926	160										
TW—57 20/30 122	2927, 2929	160										
TW—51 20-29/26 120	2932, 2940 and 2943	180	3360	...	...	...	...	2625	980	640	2610	1570
TW—51 20-36/26 118	2948, 2950 to 2952	170	3155	...	...	...	...	2560	945	610	2540	1525
TW—51 20/26 118	2946, 2947, 2949, 2953	170	4080	...	...	...	...	3195	1240	830	3150	2075
TW—51 20/26 120	2933, 2934, 2936 to 2939, 2941, 2942, 2944	170										
MC—57 26-40/30 394	4000 to 4016	200	...	3815	2170	5460	2500	...	...	...	...	...
MC—57 26-40/30 398	4017 to 4028	200										
MC—57 26-40/30 401^{s}	4029 to 4043	200										
MC—57 26-40/30 395^{s}	4044 to 4048	200										
MM—63 25-38/23 320	4200 to 4211	200	...	3185	1795	4660	2070	...	...	...	...	...
MK—63 26/28 210	3236 to 3249	200	...	2110	1165	3110	1355	...	...	...	...	...
Allowance for Empty and Underloaded Cars	Less than 40 M's		6	6	3	3	3	6	3	3	6	6
	40 to 50 M's		3	3	0	0	0	3	0	0	3	3
	More than 50 M's		0	0	0	0	0	0	0	0	0	0

TRAINMASTERS.

A. E. BROWN	Woodland to Oroville Roseville to Red Bluff Davis to Tehama Fruto, Stirling City and Hamilton Branches	SACRAMENTO, CAL.
C. R. PETRIE	Colfax to Sparks	TRUCKEE, CAL.
F. J. BERRY	Colfax to Sacramento, inclusive Placerville and Walnut Grove Branches.	ROSEVILLE, CAL.
A. B. ALLEN	Assistant Train Master	SACRAMENTO, CAL.

W. S. LAW....................CHIEF TRAIN DISPATCHER

O. T. STACKPOOLE....ASST. CHIEF TRAIN DISPATCHER

L. GEIGER.........EXAMINER AND TRAIN DISPATCHER

TRAIN DISPATCHERS

D. A. NEELLEY
C. N. JONES
M. A. WALLACE
F. E. JONES
B. D. MULLINS
F. E. SCOTT
L. FINGLAND

SACRAMENTO, CAL.

MILEAGE.

MAIN LINES.

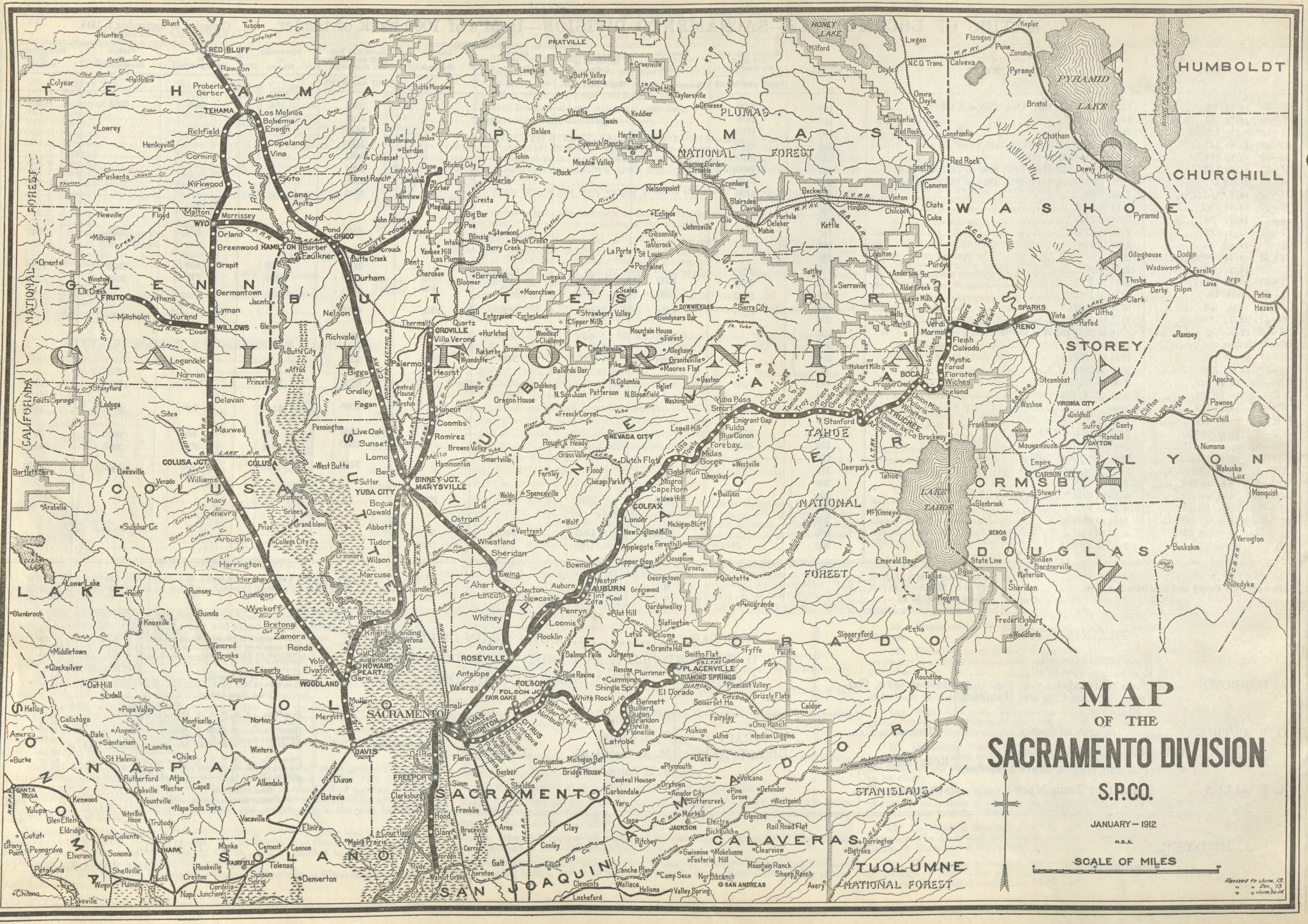
End Western Division to Sacramento	S. P. R. R	.29	
Sacramento to Sparks	C. P. Ry	155 83	
Brighton to Sacramento	C. P. Ry	6.95	
Brighton to Elvas	C. P. Ry	3.58	
Davis to Tehama	S. P. R. R	110.40	
Woodland to Marysville	S. P. R. R	37 05	
Roseville to Red Bluff	C. P. Ry	116.02	
Total Main Line			430.12

BRANCHES.

Fair Oaks	S. P. R. R.	Citrus to Fair Oaks	2.14	
Fruto	S. P. R. R.	Willows to Fruto	16.84	
Hamilton	S. P. R. R.	Wyo to Hamilton	11 21	
Howard	S. P. R. R.	Peart to Howard	1.88	
Oroville	S. P. R. R.	Marysville (Binney Jct.) to Oroville	25.26	
Placerville	S. P. R. R.	Sacramento to Placerville	61.26	
Walnut Grove	S P. R R.	Sacramento to Walnut Grove	24.30	
Stirling City	C. P. Ry.	Chico to Stirling City	30.30	
Total Branches				173.19
Total Sacramento Division				603.31

J. H. DYER,
Superintendent.

J. T. BELL,
Asst. Superintendent.



MAP OF THE SACRAMENTO DIVISION S.P.CO.

JANUARY—1912

M.B.A.

SCALE OF MILES

Revised to June, 13.
" " Dec. '13
" " June 30-14

CALIFORNIA
NEVADA
TEHAMA
PLUMAS
GLENN
BUTTE
SIERRA
YUBA
NEVADA
PLACER
SUTTER
COLUSA
LAKE
YOLO
NAPA
SONOMA
SOLANO
SACRAMENTO
SAN JOAQUIN
AMADOR
CALAVERAS
EL DORADO
TUOLUMNE
STANISLAUS
WASHOE
STOREY
ORMSBY
DOUGLAS
LYON
CHURCHILL
HUMBOLDT
PLUMAS NATIONAL FOREST
CALIFORNIA NATIONAL FOREST
TAHOE NATIONAL FOREST
TUOLUMNE NATIONAL FOREST
PYRAMID LAKE
HONEY LAKE
LAKE TAHOE
WINNEMUCCA LAKE
SHASTA DIVISION
WESTERN DIVISION
SALT LAKE DIV.
RED BLUFF
TEHAMA
WYO
HAMILTON
CHICO
FRUTO
WILLOWS
OROVILLE
COLUSA JCT.
COLUSA
YUBA CITY
BINNEY JCT.
MARYSVILLE
NEVADA CITY
DOWNIEVILLE
COLFAX
AUBURN
ROSEVILLE
FOLSOM
FOLSOM JCT.
PLACERVILLE
DIAMOND SPRINGS
WOODLAND
HOWARD
PEART
SACRAMENTO
DAVIS
FREEPORT
BRIGHTON
ELVAS
CITRUS
TRUCKEE
BOCA
RENO
SPARKS
CARSON CITY
VIRGINIA CITY
DAYTON
GENOA
QUINCY
JACKSON
SAN ANDREAS
NAPA
FAIRFIELD
SANTA ROSA